



Shri Shivaji Shikshan Prasarak Mandal's  
**College of Education, Barshi**  
2017 to 2022

**2.7.1**

**DOCUMENTS  
UPLOAD**



**Punyashlok Ahilyadevi Holkar  
Solapur University, Solapur**

# **Curriculum & Its Framework**

**FOR**

**Bachelor of Education (B. Ed.)**

**from 2019**

**CBCS**

# Objectives

**The General Objectives of the two year B. Ed. programme are:**

1. To develop among student-teachers the essential competencies of a teacher in order to develop an attitude towards becoming a committed and performance oriented teacher.
2. To equip the student-teachers through strong psycho-social foundation and with essential knowledge, skills and attitude so as to develop them as responsible teachers of the modern world.
3. To create awareness about national values enshrined in the Constitution of India, core elements, duties and responsibilities of a teacher and foster human rights, and the dignity of individuals.
4. To create awareness among student teachers about the socio-economic and political scenario of the society in order to understand need of inclusion of all sections of the society and importance of unity in diversity.
5. To develop scientific temperament, critical thinking, sense of appreciation and decision making among student teachers.
6. To sensitize students about emerging issues related to environment, gender equality, and technology use, legal provisions on education, rights and duties enshrined in the constitution of India.

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## **Punyashlok Ahilyadevi Holkar Solapur University, Solapur Curriculum & Its Framework for the Two Year Degree of Bachelor of Education (B. Ed.) from July 2019**

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- The regular full time course of Bachelor of Education (B. Ed.) is of two years duration.
- The course has been framed so as to satisfy the essential compliances of NCTE as per Nov.-Dec. 2014 Notification. It also has added features making the course relevant to global demands, and socio-cultural needs of the university and affiliated colleges.
- The university has adopted Choice Based Credit System (CBCS) and grading system along with continuous and comprehensive evaluation.
- **The B. Ed. curriculum comprises three broader areas:**
  - ❖ Perspectives in Education
  - ❖ Curriculum and Pedagogic studies
  - ❖ Engagement with the field
- The third area Engagement with the field comprises of understanding of and task related to the self (the student teacher), the child (that is the school pupil), the school and the community. It includes internship and four courses on Enhancing Professional Capacities (EPCs).
- The course curriculum is of 2400 marks, 2790 periods of work (assuming period of 50 minute), and 96 credit points divided over four semesters. The semester-wise distribution of marks, credits, internal assessment marks and university assessment marks is briefed in the following table:
- **Medium of Instruction: Marathi**
- Candidates may write the papers in examination and practical work in Marathi and English language. The language pedagogy shall be



- written in the relevant language. The question papers will be set only in English & Marathi language except Pedagogical school subject.

Sr. No.	Semester	Total Periods	Credits	Internal Assessment Marks	University Assessment Marks	Total Marks
1.	Year I, Semester I	680	23	415	160	575
2.	Year I, Semester II	610	24	310	290	600
3.	Year II, Semester III	840	25	425	200	625
4.	Year II, Semester IV	630	24	350	250	600
	<b>Total</b>	<b>2760</b>	<b>96</b>	<b>1500</b>	<b>900</b>	<b>2400</b>

**Note:** The periods for different practical(s) are allocated on the basis of nature of the practical. These periods are inclusive of teaching, learning and preparatory work. The semester-wise detailed framework is as follows:



**YEAR – I, SEMESTER – II**

<b>Course No.</b>	<b>Title of course</b>	<b>Total Periods</b>	<b>Credit</b>	<b>Internal Assessment Marks</b>	<b>University Assessment Marks</b>	<b>Total Marks</b>
<b>Curricular Area –A: Perspectives in Education</b>						
BED-II-04	Learning and Teaching	60	04	20	80	100
BED-II-05	Contemporary India and Education (Page No. 20)	60	04	20	80	100
<b>Curricular Area –B: Curriculum &amp; Pedagogic Studies</b>						
BED-II-06	Pedagogy of a School Subject One –Part I (Marathi/ Hindi/ English/ Mathematics, Urdu, Commerce)	30	02	10	40	50
BED-II-07	Pedagogy of a School Subject Two –Part I (General Science/ History/ Geography, Economics)	30	02	10	40	50
<b>Curricular Area –C: Engagement with the Field</b>						
<b>Enhancing Professional Capacities (EPC)</b>						
<i>EPC- 2</i>	Drama and Art in Education (1/2)	60	02	50	00	50
<b>Task Assignment and School Internship</b>						
<i>B-01</i>	Practice Teaching and Internship (Three Week i.e. 18 Days)	200	04	100	00	100
<i>B-02</i>	Lesson Planning Workshop	50	01	25	00	25
<i>B-03</i>	Workshop on Teaching Aids	30	01	25	00	25
<i>B-04</i>	Educational Tour	40	01	25	00	25
<i>B-05</i>	Creativity & Personality Development	30	01	25	00	25
<i>B-06</i>	*Viva Voce	20	02	00	50	50
<b>SemesterII Total</b>		<b>610</b>	<b>24</b>	<b>310</b>	<b>290</b>	<b>600</b>

<b>YEAR – II, SEMESTER – III</b>						
Course No.	Title of course	Total Periods	Credit	Internal Assessment Marks	University Assessment Marks	Total Marks
<b>Curricular Area –A: Perspectives in Education</b>						
BED-III-08	Knowledge and Curriculum –Part I (1/2)	30	02	10	40	50
<b>Curricular Area –B: Curriculum &amp; Pedagogic Studies</b>						
BED-III-09	Assessment for Learning	60	04	20	80	100
BED-III-10	Pedagogy of a School Subject One –Part I (Marathi/ Hindi/ English/ Mathematics, Urdu, Commerce)	30	02	10	40	50
BED-III-11	Pedagogy of a School Subject Two –Part I (General Science/ History/ Geography, Economics)	30	02	10	40	50
<b>Curricular Area –C: Engagement with the Field</b>						
<b>Enhancing Professional Capacities (EPC)</b>						
EPC - 3	Critical Understanding of ICT (1/2)	60	02	50	00	50
<b>Task Assignment and School Internship</b>						
C-01	School Internship (Six Week i.e. 36 Days)	400	08	200	00	200
C-02	CCM Workshop	30	01	25	00	25
C-03	Evaluation Workshop	30	01	25	00	25
C -04	Action Research Project	70	01	25	00	25
C-05	Social Service	50	01	25	00	25
C-06	Physical and Health Education	50	01	25	00	25
<b>SemesterIII Total</b>		<b>840</b>	<b>25</b>	<b>425</b>	<b>200</b>	<b>625</b>

**YEAR – II, SEMESTER – IV**

<b>Course No.</b>	<b>Title of course</b>	<b>Total Periods</b>	<b>Credit</b>	<b>Internal Assessment Marks</b>	<b>University Assessment Marks</b>	<b>Total Marks</b>
<b>Curricular Area –A: Perspectives in Education</b>						
BED-IV-12	Gender, School and Society (1/2)	30	02	10	40	50
BED-IV-13	Knowledge and Curriculum –Part II (1/2)	30	02	10	40	50
BED-IV-14	Creating an Inclusive School (1/2)	30	02	10	40	50
<b>Curricular Area –B: Curriculum &amp; Pedagogic Studies</b>						
BED-IV-15	Optional Course (Electives- <b>any two</b> of the following)	60	04	20	80	100
15.1	Educational Management.					
15.2	Value Education					
15.3	Guidance and Counseling.					
15.4	Educational Technology					
15.5	Environmental Education.					
<b>Curricular Area –C: Engagement with the Field</b>						
<b>Enhancing Professional Capacities (EPC)</b>						
<b>EPC - 4</b>	<b>Reading and Reflecting on Texts (1/2)</b>	<b>60</b>	<b>02</b>	<b>50</b>	<b>00</b>	<b>50</b>
<b>Task Assignment and School Internship</b>						
D-01	School Internship (One Week)	100	02	50	00	50
D-02	Models of Teaching Workshop	50	01	25	00	25
D-03	Workshop on Constructivism	50	01	25	00	25
D-04	Creativity & Personality Development	25	01	25	00	25
D-05	Seminars	25	01	25	00	25
D-06	Lesson Examination Practical Submission	100 50	04	100	00	100
D-07	Viva Voce	20	02	00	50	50
<b>SemesterIV Total</b>		<b>630</b>	<b>24</b>	<b>350</b>	<b>250</b>	<b>600</b>
<b>Grand Total of all Semesters</b>		<b>2760</b>	<b>96</b>	<b>1500</b>	<b>900</b>	<b>2400</b>

## **For theory paper of 100 marks in Perspectives in Education & Curriculum and Pedagogic studies:**

- 80 marks are for University Assessment means assessment in / of theory papers through university examination.
- 20 marks are for Internal Assessment of theory courses by the College i.e. Assessment in which 10 marks are for Tutorial and 10 marks are for sessional work mentioned in syllabus of respective courses.

## **For theory paper of 50 marks in Perspectives in Education & Curriculum and Pedagogic studies:**

- 40 Marks are for University Assessment means assessment in / of theory papers through university examination.
- 10 Marks are for Internal Assessment of theory courses by the College i.e. Assessment in which 05 Marks are for Tutorial and 05 marks are for sessional work mentioned in syllabus of respective courses.

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## **Eligibility for Admission:**

**R. Ed. 1:** A candidate for the Degree of Bachelor of Education (B.Ed.) must be a graduate or post graduate of this University or of any other recognized University in any Faculty / subject such as Mathematics / Social Science (History, Geography, Economics, Political Science, Psychology, Philosophy, Education, Library Science) or Commerce / Management /Computer Science/ Information Technology/Medical Science/ Engineering or Humanities (all languages and literature) or Engineering or Law or Agriculture with minimum qualifying marks and condition as will be declared by the state government / affiliating body / University. In addition a candidate after graduation should have: -

**Eligibility for examination:** A student –teacher willing to appear for B. Ed. Examination is supposed to have completed theory and practical as prescribed in the respective terms. He /she must have completed the following for the award of B.Ed. degree:

- i. Kept four semesters of lectures on the theory and practice of Education in an institution / College of Education affiliated to this University for the purpose of B.Ed. degree, and
- ii. Completed a course of practical work, extending over four terms / semesters to the satisfaction of the Institution in which a candidate is studying, consisting of –
  - a) Attendance at demonstration lessons and discussion on lessons inclusive of Micro–lessons, Lessons based on Models of Teaching.
  - b) Observation & conduction of:
    - i) Micro–lessons – 10 (2 in each of the 5 skills including teach and re-teach out of the list of skills provided by the university)
    - ii) Integration lessons – 2
    - iii) Class room lessons / Practice lessons – 30
  - c) Teaching practice of 10 Micro teaching lessons and two integration lessons to be conducted in peer groups. Out of the 30 practice lessons; two lessons are to be based on Models of Teaching, four on CCM, four on constructivist strategies, 04 lessons on ICT integration. Remaining 16 general lessons be equally distributed in two pedagogic subjects. Out of these 16 general lessons, block teaching of 4+4 lessons on two pedagogic school subjects is desirable.
  - d) Attendance at Tutorials under examination conditions
  - e) Practical work under Engagement with the Field including the EPCs.
  - f) Organization and participation in various curricular and co-curricular activities spread over four semesters.
  - g) Completion of the Internship Programmes spread over four semesters
  - h) Appearance at practice teaching examination at the end of semester 4.
  - i) Appearance and passing for viva-voce at the end of semester 2 & 4.

j) Maintaining diary of day to day records of activities and participation along with observation of lesson/ micro lessons/ practice lessons/ demonstration lessons/ lessons conducted by school teachers etc.

k) Minimum attendance of 80% for theory periods / lectures and 90% for practical work/ internship/ community related activities is essential.

### **R.Ed.2 :**

The examination for the degree of B.Ed. will be conducted twice in a year & semester wise / at the end of semesters or as will be declared by the university / college / institution.

The examination for the degree of B.Ed. will be of 2400 marks on the three curricular areas.

### **Area A: Perspectives in Education**

#### **Part-I:University Assessment:**

University examination of theory Course under Perspectives in Education is of 350 marks in four semesters

#### **Part-II: Internal Assessment:**

Internal Assessment / Sessional work of theory papers - spread of all four semesters including tutorials and course related practical work- 100 marks.

### **Area B: Curriculum & Pedagogic Studies**

#### **Part-I:University Assessment:**

University examination of theory Course under Curriculum & Pedagogic Studies- of 350 marks in four semesters

#### **Part-II: Internal Assessment:**

Internal Assessment / Sessional work of theory papers - spread of all four semesters including tutorials and course related practical work- 100 marks.

### **Area C: Engagement with the field:**

#### **Part I: Enhancing Professional Capacities (EPC)**

Internal Assessment of EPC – Spread over all four semesters. Total 200 marks- 50 marks for each EPC

#### **Part II: School Internship**



## Internal Assessment of Internship - Spread over all four semesters.

### Total 400 marks.

School Internship (including Practice Teaching) 450 marks distributed over four semesters as follows:

Semester I	School Internship	50 marks
Semester II	School Internship	100 marks
Semester III	School Internship	200 marks
Semester IV	School Internship	50 marks

**Total = 400 marks**

### The distribution of marks for different types of practice lessons / lessons and internship activities is given in the following table:

Internship (250marks) + Practice Lesson (150 marks) = 400 marks

Semester	Marks		Marks	Credit
	Internship	Practice Lesson (No. of lessons)		
I	50	-----	50	2
II	60	40 (8)	100	4
III	120	80(16)	200	8
IV	20	30(06)	50	2
Total	250	150(30)	400	16

### Part III: Tasks and Assignments:

In task and assignments, there are following components:

1. Enriching teaching skills ( Sem I ) 150 marks
2. Lesson Planning workshop (Sem II) 25 marks
3. Social service distributed over two Semesters (Semester I and III) 75 marks
4. Seminar (Semester IV) 25 marks
5. Visit to Innovative Organization (semester I) 25 marks
6. Teaching aids workshop (Sem II) 25 marks
7. Action Research Project ( Semester III) 25 marks
8. Models of Teaching Workshop (Semester IV) 25 marks
9. Content Cum- Methodology (CCM) Workshop (SemIII)25 marks

10. Evaluation Workshop (Semester III)	25 marks
11. Educational Tour / Trip / Kshetrabhet (Semester II)	25 marks
12. Physical and Health Education ( Sem I & III)	75 marks
13. Constructivism Workshop ( Sem IV)	25 Marks
14. Creativity & Personality Development ( SemII & IV)	50 marks
<b>Total</b>	<b>= 600 marks</b>

**Part–IV: Viva voce (on curricular Area C):**

Viva voce will be conducted at the end of semester II and semester IV. It will be of 50 marks each for semester II (Sem-I & Sem –II Practicals) and semester IV (Sem-III & Sem –IV Practicals) . These marks will be considered in external examination / university marks for award of final letter grade for B. Ed. Degree.

**Part V: Practice Lesson Examination:**

Practice Lesson Examination organized by the university at the end of Semester IV. There will be two practice lessons- one for each pedagogic subject each of 50 marks, total 100 marks. These marks will be considered in internal examination / internal marks and will be converted into grades.

**R.Ed. 4 : Award of B. Ed. degree**

A candidate willing to appear for the Examination in Area A, area B, area C must apply to the Register through the Head of the Institution in which he / she has received training. The examination under various internal assessment work and practicum will be conducted by the Teacher Education Institute (TEI) in respective semesters only and the marks under the three areas will be conveyed to the Solapur University within due / stipulated time for respective semesters. The examination for all theory courses (Area A& B) will be conducted by the university in each semester. The B. Ed. course being of two year duration, two additional chances in the next two semesters (one year) will be given to the candidates who fail at the end of fourth semester.

The total marks under Area A and B for theory and university assessment are out of marks 1100. Along with these 1100 marks, the marks out of 100 in two viva-voces will also be considered for the award of final Letter Grade for B. Ed. degree.

Engagement with field totally carries 1300 marks. These are internal marks. The total marks under Area C (Engagement with the field) will be converted to grades separately and will appear in the final mark statement in the form of ‘Total Marks under ‘Engagement with the field’ and the respective grade of it.

The B. Ed. degree will be awarded to those students who pass in all areas, all parts in areas, as well as in all papers separately in the respective semesters.

**For passing, in University assessment theory papers 16 marks out of 40 marks and 32 marks out of 80 marks are essential in each theory papers separately and also along with aggregate 50% or more marks are essential under each part / area/course separately.**

## CREDIT AND GRADING SYSTEM

### (I) Award of Grade:

- (a) A student he/she shall be assigned a grade based on his/her combined performance in all components of evaluation scheme of a course as per the structure. The grade indicates an assessment of the student's performance and shall be associated with equivalent number called a grade point.
- (b) The academic performance of a student shall be graded on a ten point scale. The letter grades, the guidelines for conversion of Perspectives in Education & Pedagogic Studies marks to letter grades and their equivalent grade points shall be as shown in Table.
- (c) The letter grades, the guidelines for conversion of Engagement with the Field marks of semester I, II, III and IV to letter grades shall be as shown in Table.
- (d) The letter grades, the guidelines for conversion of Internal Assessment marks of semester IV marks to letter grades shall be as shown in Table.
- (e) The letter grades, the guidelines for conversion of Internal Assessment marks of all four semesters' marks to letter grades shall be as shown in Table.
- (f) A student shall pass the course if he/she gets any grade in the range from "O" to "C".
- (g) The student has to secure a minimum 4.0 Grade Points (Grade C) in each core course. A student who secures less than 4.0 points will be declared Failed in that head of passing.

### • Calculation of Performance Indices:

Semester Grade Point Average (SGPA) represents the performance of a student in a semester for which it shall be computed while Cumulative Grade Point Average (CGPA) represents the performance of a student cumulated over all semesters up to and including the semester for which it is computed. Both performance indices shall be on a scale of 10.

- **Conversion of Perspectives in Education & Pedagogic Studies courses (Area A and B) marks into Grades: (100 Marks Courses)**  
**10- Point scale for courses having passing criterion of 50%**

**Table**

Sr.	Range of Marks	Grade	Grade Point
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No.			
1	80-100	O: Outstanding/Excellent	10
2	75-79	A+: Very Good	09
3	70-74	A: Good	08
4	65-69	B+: Above Average	07
5	60-64	B: Average	06
6	55-59	C+: Satisfactory	05
7	50-54	C: Pass	04
8	00-49	F: Fail	00

- **Conversion of Perspectives in Education & Pedagogic Studies courses (Area A and B) marks into Grades: (50 Marks Courses)**

**10- Point scale for courses having passing criterion of 50%**

**Table**

Sr. No.	Range of Marks	Grade	Grade Point
1	43-50	O: Outstanding/Excellent	10
2	40-42	A+: Very Good	09
3	37-39	A: Good	08
4	34-36	B+: Above Average	07
5	31-33	B: Average	06
6	28-30	C+: Satisfactory	05
7	25-27	C: Pass	04
8	00-24	F: Fail	00

- **Conversion of Internal Assessment marks into Grades: (Area C) (375 Marks) (EPC and Engagement with the Field Courses for Semester I)**

**Table-**

Sr. No.	Range of Marks	Grade
1	338-375	O
2	319-337	A+
3	300-318	A

4	282-299	B+
5	263-281	B
6	226-262	C+
7	188-225	C
8	00-187	F

**F means fail in EPC and Engagement with the Field Courses**

- **Conversion of Internal Assessment marks into Grades: (Area C) (250 Marks)  
(EPC and Engagement with the Field Courses for Semester II)**

**Table-**

<b>Sr. No.</b>	<b>Range of Marks</b>	<b>Grade</b>
1	225-250	O
2	213-224	A+
3	200-212	A
4	188-199	B+
5	175-187	B
6	150-174	C+
7	125-149	C
8	000-124	F

- **Conversion of Internal Assessment marks into Grades: (Area C) (375 Marks)  
(EPC and Engagement with the Field Courses for Semester III)**

**Table-**

<b>Sr. No.</b>	<b>Range of Marks</b>	<b>Grade</b>
1	338-375	O
2	319-337	A+
3	300-318	A
4	282-299	B+
5	263-281	B
6	226-262	C+
7	188-225	C

8	00-187	F
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- **Conversion of Internal Assessment marks into Grades: (Area C) (300 Marks)**  
(EPC and Engagement with the Field Courses for Semester IV)

**Table-**

Sr. No.	Range of Marks	Grade
1	270-300	O
2	255-269	A+
3	240-254	A
4	225-239	B+
5	210-224	B
6	180-209	C+
7	150- 179	C
8	00-149	F

- **Conversion of Internal Assessment marks into Grades: (1300)**  
(EPC and Engagement with the Field Courses for All Semesters)

**Table-**

Sr. No.	Range of Marks	Grade
1	1170-1300	O
2	1105-1169	A+
3	1040-1104	A
4	975-1039	B+
5	910-974	B
6	780-909	C+
7	650-779	C
8	00-649	F

### **Calculation of Grade Point Average (GPA) for Area A & B**

- **Semester Grade Point Average (SGPA):**  
(a) The performance of a student in a semester shall be indicated by a number called SGPA.

(b) SGPA shall be the weighted average of the grade points obtained in all the core courses registered by the student during the semester.

**1. Grade Point Average at the end of Semester (SGPA):**

$$\text{SGPA} = \frac{(\text{G1} \times \text{C1}) + (\text{G2} \times \text{C2}) + \dots}{\sum \text{Ci}}$$

( $\sum \text{Ci}$  means total number of credits offered by the student during a semester)

**2. Cumulative Grade Point Average (CGPA):**

(a) An up-to-date assessment of the overall performance of a student for the core courses from the first semester onwards till completion of the program shall be obtained by calculating a number called CGPA.

(b) CGPA shall be the weighted average of the grade points obtained in all the courses registered by a student since the beginning of the first semester of the program.

$$\text{CGPA} = \frac{(\text{G1} \times \text{C1}) + (\text{G2} \times \text{C2}) + \dots}{\sum \text{Ci}}$$

( $\sum \text{Ci}$  means total number of credits offered by the student for the B.Ed. Course)

- C1 means credits allocated for paper I, C2 means credits allocated for paper II  
.....
- G1 means Grade Point scored in paper I, G2 means Grade Point scored in paper II  
.....
- **Conversion of average grade points into grades:**

The student's performance of course will be evaluated by assigning a letter grade on seven points scale as given below:

- **Letter Grade of the candidate based on CGPA in 10- Point:**

**Table-**

<b>SGPA/CGPA</b>	<b>Letter Grade</b>
9.5-10	O
8.5-9.4	A+
7.5-8.4	A

6.5-7.4	B+
5.5-6.4	B
4.5-5.4	C+
4.0-4.5	C
00-3.9	F





## Area A: Perspectives in Education

### **B. Ed. First Year**

#### **Semester I**

#### **Course BED-I-01: Childhood and Growing Up**

Credits: 04

Periods: 60

Maximum Marks: 100

Internal Assessment Marks:20

University Assessment Marks: 80

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**Objectives of the course:** Student- Teachers will be able to,

- 1) Understand the various ways of growing-up a childhood
- 2) Understanding the concept and general principles of growth and development.
- 3) Understanding the theories of growth and development.
- 4) Understand the Issues and Implications of changing family structure and parenting
- 5) Acquire the knowledge and understanding the concept of Socialization.
- 6) Develop an appreciation of the child development in socio- cultural context.
- 7) Understanding Social Change and its effects on a child.
- 8) Understand the Challenges, Problems and Teacher's Role of Adolescent in Indian Context.
- 9) Understand the concept of socialization and factors affecting the process of socialization.
- 10) Acquire the knowledge and understanding of stages of human development and development tasks with special reference to Childhood and adolescent learners.
- 11) Understand the individual development in apsycho, socio-cultural context.
- 12) Develop an understanding about the impact/influence of socio- culturalcontext in shaping human development, especially with respectto the Indian context.
- 13) Understand the concept of individual differences among learners.
- 14) Become aware of different contexts of learning and situate schools as a special environment for learning.

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#### **Unit I - Understanding thegrowth and development**

- a) **Childhood and growing up:** in the context of- Marginalization, Diversity, Stereotyping Issues with respect to- Attachment and bonding ,

- b) **Children's lived experiences:** living in an urban slum, growing up as a girl and growing up in a Dalithousehold.
- c) **Growth and development:** Concept, general principles of development, Relationship between development and learning. Socio-cultural factors influencing cognition and learning.
- d) **Theories of growth and development:** The social formation of the mind- Vygotsky Constructivist: Piaget's theory of cognitive development, Moral: Kohlberg's Theory of Moral Development, Impact of different parenting styles on child development

### **Unit: II: Understanding the Development of Learner**

- a) **Stages of human development :** developmental characteristics of childhood and adolescence (physical, cognitive, language, affective, social and moral) their interrelationships and implications for teachers
- b) **Adolescent in Indian Context:** Challenges, Problems and Teacher's Role - Concept of guidance and counseling, role of teacher in guidance and counseling to adolescent.
- c) Influence of Media, Peer relations, Role of teacher in establishing identity with respect to media and peer relations.
- d) Formation of self : Self-concept, self-esteem, Self-efficacy

### **Unit: 3 Perspectives of development in Psycho-Social context**

- a) **Socialization:** Concept and Process, Social Change and its effects on a child.
- b) **Factors affecting Socialization of the child:** Caste, Class, Gender and Culture. Understanding Social Change and its effects on a child.
- c) **Children's lived realities:** biographies, stories, narrations of growing up in different cultures, observations about children by parents and teachers, children's diaries, testimonies and the media.
- a) Problems of the Marginalised sections of the society and the Remedies.

### **UNIT 4: INDIVIDUAL DIFFERENCES AMONG LEARNERS**

- a) Dimensions of differences in psychological attributes-cognitiveabilities, interest, aptitude, creativity, personality, values.Understanding learners from multiple intelligences perspective witha focus on Gardner's theory of multiple intelligences. Implicationsfor teaching-learning in the light of changing concept of intelligence, including emotional intelligence.

- b) Differences in learners based on socio-cultural contexts: Impact of home languages of learners' and language of instruction.
- c) Understanding differences based on a range of cognitive abilities-learning difficulties, slow learners and dyslexics, intellectual deficiency, intellectual giftedness. Implications for catering to individual variations in view of 'difference' rather than 'deficit' perspective.
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**Sessional work: (Total 20 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(10 Marks)**
- The students has to undertake **two** of the following practical and present the report **(10 Marks )**
  - 1) Observing the behavior of childhood and describing her / his characteristics and problem and present the report.
  - 2) Observing the behavior of Adolescent and describing her / his characteristics and problem and present the report.
  - 3) Case study of an exceptional child suggesting how to provide education for this particular child and present the report.
  - 4) A study through biographies, stories, narrations of growing up child in different cultures,
  - 5) A study of Factors affecting socialization of children from different schools.

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## Area B: Curriculum & Pedagogic Studies

### **B. Ed. First Year**

#### **Semester I**

#### **Course BED-I-02: Language across the Curriculum (1/2)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives of the course:** To enable the students-teachers to:

- 1) Understand the concept, need and benefits of LAC approach.
- 2) Understand skill of language such as Listening-Reading, Speaking-Writing, fluently.
- 3) Study of Unity of Language in the Classroom.
- 4) Follow proper words and phrases for etiquettes and manners in the classroom situation.
- 5) Use polite expression in daily life situations.
- 6) Develop communication skills.
- 7) Know the media of communication.
- 8) Know the culture, characteristics, and importance of good communication.

#### **Unit 1: Language across the Curriculum Approach**

- a) Concept of Language Across Curriculum and Benefits of the Language Across the Curriculum Approach
- b) Mother tongue: Proper use of mother Tongue through Education and Remedial Work.
- c) Language Culture
- d) Concept and importance of Language

#### **Unit2: Skills of the Language**

- a) Listening – Reading
- b) Speaking – Writing
- c) Pronunciation

- d) Concept of Communication Role of Language in Communication as a Process, Media of Communication and Characteristics of Good Communication

**Unit: 3 Utility of Language and Action Plan**

- a) Utility of Language  
b) Utility of Multi Skills-Plans as per skills in the Classroom  
c) Utility of Situations-Creation of different situations in the classroom  
d) Utility of Communication and role of teacher in the classroom

**Unit: 4 Classroom languages of the teacher and student**

- a) Application of the teacher etiquettes and manners in the classroom situation  
b) Teacher appreciation of students in positive and negative situation of classroom  
c) Student's polite expression in different life situations.  
d) Organ of speech

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**Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**
  - 1) To arrange group discussion on the importance of Language.
  - 2) To prepare the report of experiences during Communication.
  - 3) To arrange the activities of listening and speaking language.
  - 4) To arrange the activities for Creative Writing.
  - 5) To arrange the programme for etiquettes and manners in the classroom situation.
  - 6) To arrange the language games for developing vocabulary and sentences.
  - 7) To Conduct Diagnostic and Remedial Work for the deficiency in Pronunciation.
  - 8) To prepare lesson plan as per communication and situation.

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## B. Ed. First Year Semester I

### Course BED-I-03: Understanding Disciplines and Subjects (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### Objectives of the course:

- 1) Articulate the meaning and importance of social science and its interdisciplinary nature as a subject
- 2) To appreciate the role of indigenous and critical pedagogy in teaching of social science.
- 3) To understand the crucial role of textbooks and new initiatives in this area
- 4) To appreciate the importance of weaving of indigenous, practical, tacit and community knowledge in the teaching of social science.
- 5) To understand the significant constructivist and experiential pedagogies in teaching of social science.
- 6) Appreciate the critical role of the teacher in teaching of social science.

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#### Unit1: Education as a discipline

- a. Meaning, Need, Scope and Aims of Education.
- b. Emergence of Education as a subject.
- c. Role of Education for national development and social transformation.
- d. Role of education in national integration and international understanding.

#### Unit2: Education and other subjects

- a. Concept and Meaning of Interdisciplinary approach
- b. Education as an interdisciplinary field of study
- c. Emergence of various branches from education.
- d. Interrelation among various school subjects

#### Unit3: Science and Mathematics as subjects and disciplines

- a. Nature and history of science, mathematics as school subjects.
- b. Interdependence of Science and Mathematics.
- c. Impact of science & mathematics on day to day life.
- d. Role of science and mathematics in developing creative and critical thinking.



#### **Unit4: Language and Social Sciences as subjects and disciplines**

- a. Nature and history of Languages and Social sciences as school subjects.
- b. Interdependence of various languages – Similarity and difference in languages.
- c. Interdependence of various social science subjects.
- d. Role of teacher while dealing with Multi-lingual and multi-cultural students in the classrooms.

#### **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**
  - 1) Conduct an interview of social science teachers to understand their perceptions of social science and write a report of your findings.
  - 2) Prepare a creative poster to highlight the key concepts of social science.
  - 3) Select any one article on a global issue that depicts any one of the perspective. Explain in 500 words why you think the article depicts that perspective. OR
  - 4) Write a lesson plan using the thematic approach to teaching any topic in social science.
  - 5) Observe social science lessons in your practice teaching school at the secondary level and write a report in 1000 words about the challenges of teaching social science that you observed or experienced
  - 6) Read one of the textbooks of social science textbooks prepared by NCERT/Eklavya for the secondary level and write a brief and concise textbook review of the same.
  - 7) Prepare a scrap book to tell the story of the Warli tribe of Maharashtra -their history and culture.
  - 8) Visit a tribal settlement in your vicinity and find more about their cultural History, their economic life, their political/ justice system if any. Write a report about your observations

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**Solapur University, Solapur**  
**Bachelor of Education (B. Ed.)**  
**Curricular Area –C: Engagement with the Field**  
**Enhancing Professional Capacities (EPC)**

Semester	Title of EPC	Periods	Credit	Marks
I	Understanding the Self (1/2)	60	2	50
II	Drama and Art in Education (1/2)	60	2	50
III	Critical Understanding of ICT (1/2)	60	2	50
IV	Reading and Reflecting on Texts (1/2)	60	2	50
<b>Total</b>		<b>240</b>	<b>8</b>	<b>200</b>

**Curricular Area –C: Engagement with the Field**  
**B. Ed. First Year**

**Semester I**

**Course EPC 1: Understanding the self (1/2)**

Credits: 02

Periods: 60

Maximum Marks: 50

Internal Assessment Marks: 50

University Assessment Marks: 00

**Activities under EPC 1**

**Objectives:**

- १) विद्यार्थ्यांना स्वसंकल्पना ओळखण्यास मदत करणे.
- २) विद्यार्थ्यांमध्ये सकारात्मक दृष्टीकोन निर्माण करणे.
- ३) विद्यार्थ्यांमधील आंतरिक शक्तींचा विकास करणे.
- ४) बदलत्या परिस्थितीत समायोजन करण्याची क्षमता विकसित करणे.
- ५) आत्मपरीक्षणातून स्वसुधारणा करणे.
- ६) संवेदनशिलता विकसित करून संतुलित व्यक्तिमत्व निर्माण करणे.
- ७) विद्यार्थ्यांच्या मनाचा योग्य कल, स्वभाव, सवयी विकसित करणेअभिजात सौंदर्याभिरूची निर्माण करणे.
- ८) विद्यार्थ्यांमध्ये अभिव्यक्ती क्षमता विकसित करणे.

A teacher Education Institution is supposed to organize lectures / guidance sessions/ guest lectures/ seminar / workshop etc activities for meeting the objectives stated above. Maximum marks out of 50 and marks out of ten for each of the assignment / participation/ organization/ presentation/ group work on (at least)five activities enlisted below be awarded to each student teacher on the basis of his / her performance, participation, involvement and achievement along with report if any. The records of these activities be maintained.

### **Unit 1: Understanding the self**

- a) Meaning of understanding the self.
- b) Competencies, Commitments and Performance areas of a teacher suggested by the NCTE.
- c) Meaning of personality and personality development. Concept of integrated personality.
- d) Concept of SWOC / SWOT analysis. Use of SWOC analysis for strengthening strengths and minimizing weaknesses. Self Analysis of one's own competencies, commitments and skills for becoming a good teacher.

### **Unit 2: Stress, Strain, depression and patience.**

- a) Meaning of stress and strain. Causes and remedies for relief of stress. Stress management.
- b) Meaning of fear, meaning of depression. Causes and remedies for overcoming fear, overcoming depression.
- c) Positivity and negativity. Importance of patience & Measures for improving patience.
- d) Concept of self image and self esteem. Measures for building confidence while working as a teacher.

### **Unit 3: Goal setting, Time Management and Decision making.**

- a) Meaning of time management. Need, importance and Techniques of time management.
- b) Meaning and importance of Goal setting. SMART Goal. Time management and resource management for achieving goal.

- c) Analysis of daily schedule of one's work as a teacher for time management, use of leisure time, and sustained efforts for becoming a lifelong learner.
- d) Decision making- need, importance and risks.

**Unit 4: Success, failures, challenges and opportunities and values.**

- a) Success and failures in life. Facing failures and treating challenges and hurdles as opportunities of development.
- b) Values- Meaning and importance. Concept of value crisis.
- c) Institutional, personal, national values. Changing values. Building value based society.
- d) Values such as honesty, hardwork, righteousness, patience etc for betterment of self and the others. Democratic values enshrined in the preamble of the Constitution of India.

**Activities: (At least five be organized)**

- १) स्व-संकल्पनेवर आधारित व्याख्यानांचे आयोजन करणे.
- २) संतुलित व्यक्तिमत्त्वासाठी योगप्रशिक्षण ध्यानधारणाचे आयोजन.
- ३) डायरी लेखन,
- ४) चित्रपट दाखवून पात्रांच्या भूमिकांची चर्चा
- ५) प्रसंगाचे सादरीकरण विश्लेषण
- ६) तत्वज्ञ योगी यांचे चरित्र व लेखाद्वारे चर्चा
- ७) महान व्यक्तींच्या जीवनातील प्रसंगाचे सादरीकरण , ८) परिपाठाचे आयोजन
- 9) Decision making, Time Management, Stress Management,
- 10) SWOT Analysis, 11) Goal Setting and performance analysis
- 11) Leadership and Personality Development
- 12) Brainstorming, Group Discussion, Panel Discussion, Seminar / Presentation competition
- 13) Anchoring at various occasions

**Solapur University, Solapur**  
**Curricular Area –C: Engagement with the Field**  
**Task Assignment and School Internship**  
**List of Appendices**

S. N.	Appendix No.	Title of Appendix	Total Periods	Credit	Marks
<b>Semester-I</b>					
1	A-01	Enriching Teaching Skills	150	06	150
2	A-02	School Experience and Internship	100	02	50
3	A-03	Social Service	50	02	50
4	A-04	Visit to Innovative Organization	50	01	25
5	A-05	Physical and Health Education	100	02	50
<b>Semester-II</b>					
6	B-01	Practice Teaching and Internship (Three Week i.e. 18 Days)	200	04	100
7	B-02	Lesson Planning Workshop	50	01	25
8	B-03	Workshop on Teaching aids	50	01	25
9	B-04	Educational Tour	40	01	25
10	B-05	Creativity & Personality Development	30	01	25
11	B-06	*Viva Voce	20	02	50
<b>Semester-III</b>					
12	C-01	School Experience and Internship	400	08	200
13	C-02	CCM Workshop	30	01	25
14	C-03	Evaluation Workshop	30	01	25
15	C-04	Action Research Project	70	02	25
16	C-05	Social Service	50	01	25
17	C-06	Physical and Health Education	50	01	25
<b>Semester-IV</b>					
18	D-01	School Internship(One Week)	100	02	50
19	D-02	Models of Teaching Workshop	50	01	25
20	D-03	Workshop on Constructivism	50	01	25
21	D-04	Creativity & Personality Development	25	01	25
22	D-05	Seminars	25	01	25
23	D-06	Practical Submission&Final Lesson Examination	150	04	100
24	D-07	Viva Voce	20	02	50

**Note:** For practicum A -1 to A-5, B1 to B6, C-1 to C-6, D-1 to D-7 of all semesters, refer respective appendices.

## Appendix A-01: Enriching Teaching Skills

### अध्यापन कौशल्य वृद्धी कार्यक्रम

प्रथम वर्ष – प्रथम सत्र

क्रेडिट- ६

१५० गुण

कालावधी १५० तास

**उद्दिष्टे :** छात्राध्यापकास....

१. महत्वाच्या सामान्य अध्यापन कौशल्य क्षमता साध्य करण्यास मदत करणे.
२. विविध अध्यापन कौशल्यांचे एकात्मिकरण करण्यास मदत करणे.

**योग्य कालखंड :** महाविद्यालय सुरू झाल्यानंतर दुस-या आठवडयापासून सलग चार आठवडे.

**प्रात्यक्षिकासाठी पूर्वावश्यक तात्विक भाग:** अध्यापन कौशल्य संबोध, इतिहास, महत्त्व, कार्यपध्दती, कौशल्यांचे वर्गीकरण यावर दोन व्याख्याने एकत्रित आयोजित करावीत. प्रत्येक अध्यापन कौशल्यासाठी – कौशल्यांचे अध्यापनातील स्थान, महत्त्व, उद्दिष्टे उपकौशल्ये, पाठदिग्दर्शन, चर्चा आधारित व्याख्याने आयोजित करावीत. पूर्वतयारीनिशी काळजीपूर्वक केलेले दिग्दर्शन पाठाची टाचणे, चिन्हांकित नमुने, किमान एक पाठ दिग्दर्शन प्रात्यक्षिकासाठी आवश्यक.

**आधारप्रणाली:** टेपरेकॉर्डर, व्ही.डी.ओ., कॅमेरा, विविध कौशल्यावर आधारित स्वयंअध्ययन साहित्य, दिग्दर्शनासाठी रेकॉर्डेड आदर्श पाठ.

**अध्यापन कौशल्य निदान प्रक्रिया:**

१. सर्वप्रथम अध्यापन पध्दतीनुसार शक्यतो छात्राध्यापक मार्गदर्शक संख्येनुरूप गट करावेत. अध्यापन पध्दतीनुसारच संबंधित विद्यार्थी त्या विषयाच्या मार्गदर्शकाकडे जाईल याप्रमाणे गट विभागणी करावी. एका गटात साधारण ७ ते ८ विद्यार्थी असावेत.
२. अध्यापनासाठी आवश्यक अध्यापन कौशल्यांचे निदान करण्यासाठी कार्यशाळेच्या आदल्या दिवशी छात्राध्यापकास कोणत्याही एका पाठाची तयारी करण्यास सांगावे (साधारण २० ते २५ मिनिट) मार्गदर्शकांनी पाठासाठी मार्गदर्शन करू नये.
३. अध्यापन कौशल्यवृद्धी कार्यशाळेच्या पहिल्या दिवशी छात्राध्यापकास गटामध्ये पाठ घेण्यास सांगावे. पाठ चालू असताना अथवा पाठ झाल्यावर पाठाबाबतची कोणतीही प्रतिक्रिया किंवा चर्चा मार्गदर्शकांनी करू नये.
४. अध्यापन कौशल्य निदान तक्ता पाठ घेण्याअगोदर तयार करावा त्यानुसार छात्राध्यापकांनी अप्रगत अध्यापन कौशल्य मार्गदर्शकांनी निश्चित करावीत.
५. अप्रगत कौशल्य निदान प्रक्रियेनंतर गटातील प्रत्येक किमान पाच छात्राध्यापकांची प्रथम समान अप्रगत असणारी अध्यापन कौशल्ये निश्चित करावीत. त्याची संख्या चार ते पाच असावी त्यानंतर छात्राध्यापकानुरूप इतर असमान अप्रगत असणारी अध्यापन कौशल्ये निश्चित करावीत. यामध्ये सर्वांची अप्रगत कौशल्ये समान असतीलच असे नाही. प्रगत व अप्रगत कौशल्यांची संख्या पाच ते आठ पर्यंत असावी. प्रत्येक छात्राध्यापकाचा प्रगत व अप्रगत अध्यापनकौशल्यांचा तक्ता करावा.
६. अध्यापनकौशल्य निदान प्रक्रियेनंतर अध्यापन कौशल्य समृद्धी कार्यक्रमास गटवार सुरुवात करावी. छात्राध्यापकाच्या गरजेनुरूप अध्यापन , पुनरअध्यापन, पुनरपुनरअध्यापन हे पर्याय उपलब्ध हवेत. सर्व छात्राध्यापकास अध्यापन-पुनरअध्यापन या एका मार्गाने प्रशिक्षण देऊ नये. अध्यापन कौशल्य समृद्धी कार्यक्रमात छात्राध्यापकांची अप्रगत कौशल्य संख्याही भिन्न असेल त्यानुसारच गटमार्गदर्शकाने अप्रगत कौशल्येसाठी प्रशिक्षण द्यावे.

**प्रात्यक्षिकाचा आशय व आयोजन:** अध्यापन प्रशिक्षण कार्यक्रमासाठी खालीलपैकी पाच अध्यापन कौशल्यांची निवड करावी. सज्जता प्रवर्तन, कथन, स्पष्टीकरण, प्रकट वाचन, प्रयोग दिग्दर्शन, चेतक बदल, प्रश्न, प्रबलन, फलकाचा वापर, दृक - श्राव्य साधनांचा वापर.

**अध्यापन प्रशिक्षण कार्यक्रमाची रूपरेषा :**

१. अध्यापन प्रशिक्षण कार्यक्रमाची रूपरेषा सर्वसाधारण पुढीलप्रमाणे असावी. पूर्वावश्यक तात्विक भागाची २ अथवा ३ व्याख्याने द्यावीत (सर्व गटांना एकत्रित ) गरज, स्वरूप, दिग्दर्शन, चर्चा यावर आधारित दोन व्याख्याने आयोजित करावीत.
२. अध्यापनाची जी पाच कौशल्याने निवडली असतील त्यांची तात्विक माहिती, महत्त्व त्या त्या कौशल्याचे घटक, त्याज्य घटक, कौशल्यांची निरीक्षण पध्दती व पाठ नियोजन यावर व्याख्याने द्यावीत.
३. एका कौशल्याच्या प्रशिक्षणाचे सरावचक्र पूर्ण झाल्यावरच दुस-या कौशल्याचे व्याख्यान अशी पध्दत असावी.
४. प्रत्येक कौशल्यांचा तात्विक भाग सांगून झाल्यावर शिक्षक प्रशिक्षकाने त्या कौशल्याचा नमुना पाठ सादर करावा. तो पाच ते सात मिनिटांचा असावा. शिक्षक प्रशिक्षकाने शक्य झाल्यास प्री-रिकॉर्डेड व्हिडीओ पाठ दाखवावेत. पाठाच्या गुणदोषाची चर्चा करावी.
५. पाठ नियोजनाची कौशल्यानुरूप निवडायच्या घटकाची वैशिष्ट्ये व नियोजनाची तत्वे यावर व्याख्यान ठेवावे. विद्यार्थ्यांना पाठाची टाचणे करावयास सांगावीत. निर्दोष व अचूकपाठ नियोजन निर्दोष अध्यापनाची पूर्वावश्यक गोष्ट आहे. पाठ नियोजनात वेळेची नोंद (१ मिनिटाचा कालखंड) करता आल्यास अधिक चांगले. पाठटाचणात शिक्षककृती, विद्यार्थीकृती कौशल्य घटक असे तीनच स्तंभ असावेत. त्यांत कौशल्याचे घटक उल्लेख सुस्पष्ट असावा. नियोजनात व प्रत्यक्ष अध्यापनात त्या त्या कौशल्याचे सर्व अपेक्षित घटक जास्तीत जास्त प्रमाणात यावयास हवेत.
६. पाठांचे आयोजन करताना कमीतकमी ७ ते ८ छात्राध्यापकांचा एक गट असावा. एका गटात पाठ निरीक्षक, प्राध्यापक, दोन छात्राध्यापक पाठ निरीक्षक, एक समय निरीक्षक व पाच विद्यार्थी आवश्यक असतात. सर्व गटांचे काम शक्यतो एका वेळेस चालू व्हावे. प्रत्येक छात्राध्यापकास ५ मिनिटांचा सूक्ष्म पाठ घ्यावयाचा आहे. जो छात्राध्यापक पुढील पाठ घेणार असेल त्याला मननासाठी वेळ मिळावा म्हणून पाठापूर्वी त्यास कोणतेच काम देवू नये. निरीक्षण कार्यासाठी निरीक्षण नोंद तक्त्याबरोबर टेपरेकॉर्डर व शक्य झाल्यास व्हिडीओ कॅमेरा वापरावा. अभिरूप परिस्थितीत विद्यार्थी पाठ नियोजनानुसार पाठ झाला का हे पाहावे व लक्षणीय चुकांची नोंदी ठेवाव्यात सर्व छात्राध्यापकास निरीक्षकाची, सराव, शिक्षकाची, विद्यार्थ्यांची भूमिका मिळेल असे आपल्या गटाचे नियोजन करावे.
७. सेतूपाठ / एकात्मिकरण पाठ :२
८. एकात्मिकरण पाठ १५ ते २० मि. घेण्यात यावा. यात पाच कौशल्यांची किमान तीन कौशल्यांचे एकात्मिकरण व्हावयास हवे.
९. मूल्यमापन : १५० गुणापैकी
 

प्रत्येक कौशल्यानुसार प्रत्येकी ९ गुण —पाठ तयारी, अध्यापन व पुनरअध्यापन	९० गुण
एकात्मिक पाठ तयारी व अध्यापन	४० गुण
अहवाल लेखन व चर्चेतील सहभाग	२० गुण
१०. प्रत्येक अध्यापन कौशल्याचे अध्यापन व पुनरअध्यापन करताना छात्राध्यापकाने केलेली तयारी, उपकौशल्यानुरूप केलेले बदल यांचा विचार करून पुनरअध्यापनानंतर लगेच कौशल्याचे गुण नोंदवून ठेवावेत.



## Appendix A-02 Practice Teaching and School Internship-I

क्रेडिट -२

गुण-५०

कालावधी : १०० तास

Total Marks: Internship (250 marks) + Practice Lesson (150 marks) = 400 marks  
Semester wise distribution of marks of Practice teaching and Internship

Semester	Marks		Marks	Credit
	Internship	Practice Lesson (No. of lessons)		
I	50	-----	50	2
II	60	40 (8)	100	4
III	110	90(18)	200	8
IV	30	20(04)	50	2
Total	250	150(30)	400	16

### For Semester –I Internship + Practice Lesson = 50+00 = 50 Marks

उद्दिष्टे : छात्राध्यापकांनी.....

- शासकीय अनुदानित व विनाअनुदानित खाजगी शाळांचा अभ्यास करणे- शाळेतील मानवी घटक, भौतिक सुविधा, संस्थेची ध्येय धोरणे उद्दिष्टे यांचा अभ्यास करणे.
- शाळेतील विद्यार्थ्यांचे आर्थिक, सामाजिक, सांस्कृतिक वर्गीकरण करणे.
- मुलाखत सूची तयार करणे व अनुभवी शिक्षकांची मुलाखत घेणे.
- शाळेतील प्रत्यक्ष कामकाजाची प्रक्रिया समजावून घेणे.
- माध्यमिक शाळेचे प्रशासन, कार्यपध्दती, संघटन, यांचा परिचय करून घेणे.

छात्रसेवाकाल स्वरूप : अनुदानित व विनाअनुदानित शाळा अशा शाळांची निवड करून पुढीलपैकी सर्व उपक्रम प्रथमसत्र छात्रसेवाकालात राबवावेत.

- अनुभवी शिक्षकांची मुलाखत घेणे.
- एका वर्गातील विद्यार्थ्यांच्या निकषानुसार वर्गीकरण करून प्रोफाईल तयार करणे.
- शाळांतील मानवी घटक, भौतिक सुविधा, संस्थेची ध्येय धोरणे, उद्दिष्टे अभ्यासण्यासाठी प्रश्नावली तयार करणे.
- पडताळासूची व प्रश्नावलीच्या सहाय्याने शासकीय/ अनुदानित / विनाअनुदानित / खासगी शाळांचा अभ्यास करणे व अहवाल तयार करणे.
- शाळेतील प्रत्यक्ष कामकाज समजण्यासाठी भेटी/निरीक्षण तंत्राचा वापर करणे त्यातून अहवाल तयार करणे. प्रयोगशाळा, कार्यालय, ग्रंथालय, विशेष कक्ष, जिमखाना, कार्यशाळा इ. ना भेटी देवून माहिती मिळवून अहवाल तयार करणे.

मूल्यमापन: प्रत्येक शाळेच्या भेटीच्या अहवालासाठी ५० पैकी गुण देण्यात यावेत.

- भौतिक घटक / मानवी घटक माहिती मिळविण्यासाठी प्रश्नावली तयार करणे

१० गुण

२. भेटीसाठी निरीक्षण तंत्र तयार करणे	१० गुण
३. अनुभवी शिक्षकांची मुलाखत घेणे व नोंद करणे.	१० गुण
४. विद्यार्थी वर्गीकरण करून प्रोफाईल तयार करणे	१० गुण
५. अहवाल सादरीकरण	१० गुण

वरील मूल्यमापन निकषानुसार अनुदानित एक शाळा व विनाअनुदानित शाळांपैकी एक शाळा अशा दोन भेटी अहवालाचे मूल्यमापन गटमार्गदर्शक शिक्षकाने करावे.

## Appendix A-03

### समाज सेवा (Social Service)

क्रेडिट -२

गुण-५०

कालावधी : ५० तास

#### उद्दिष्टे : छात्राध्यापकास .....

- समाजसेवेतकाम / समाजसेवा या संबंधाचे आकलन होण्यास मदतकरणे.
- समाज ही संकल्पनातसेच समाजाचे योगदान आणि समाजातील संस्थांचे समाजाविकासातील योगदान या विषयीचे ज्ञान मिळविण्यास मदतकरणे.
- समाजविकासातील असणा-या विविधकार्यक्रमांच्या व संतांचा परिचयकरूनदेणे.
- समाज व शैक्षणिक संस्था यातील आंतरक्रियेचीगरज आकलनकरण्यास मदतकरणे.
- समाजविकासातील समाजसेवेतकामकरण्याची प्रेरणानिर्माणकरणे व अशा कार्यक्रमात सहभागी होण्यास मदतकरणे.
- श्रमप्रतिष्ठा, सामाजिक बांधिलकी, सहकार्य, सहानुभूती या विषयीचे महत्व समजवण्यास मदतकरणे आणि अशा गुणांचाविकासकरणे.
- समाजाचे घटक म्हणून शिक्षकाने पार पाडावयाचीजबाबदारी व भूमिका अवगत होण्यास सहाय्य करणे.
- सामाजिक समस्यांचे आकलन होण्यास व त्या सोडवितानाशिक्षकांचेकरावयाच्याकार्याचे आकलन होण्यास मदतकरणे.
- राष्ट्रीय उभारणी व राष्ट्रीयविकासाच्या कार्यक्रमात सहभागी होण्यात मदत करणे.

**योग्यकालखंड** : सत्र -१: या सत्रामध्ये सातत्याने समाजसेवा कार्यक्रमासाठी गट करून आठवडयातून एक दिवस (शक्यतो शनिवार)आयोजन करता येतील.

**प्रात्यक्षिक आवश्यक आधारप्रणाली** :कार्यक्रमाच्या स्वरूपानुसार साधने व सुविधा, समाजातील संस्था व व्यक्तींचे सहकार्य घ्यावे. प्रात्यक्षिककार्याचा आशय व नियोजन : प्रात्यक्षिककार्याची प्रत्यक्ष सुरुवातकरण्यापूर्वी समाजसेवेतकाम/समाजसेवा या विषयी तात्त्विक माहिती विद्यार्थीशिक्षकांनाद्यावयास हवी. शिक्षक प्रशिक्षण कार्यक्रमातील आवश्यक विषयात नसलेली माहिती व्याख्यानाद्वारे दिली जावी. यासाठी किमान ४ व्याख्याने आयोजित करावीत. समाजसेवा विभाग ज्या शिक्षक प्रशिक्षकाकडे सोपविला आहे त्यांनी ह्या व्याख्यानांचे आयोजन करावे. या व्याख्यानातून समाजसेवेतकाम / समाजसेवा संबोध, गरज व महत्व शिक्षण ही समाज, समाजसेवेत कामाची पध्दती या मुद्याची चर्चा करावी.

समाजसेवेतकाम / समाजसेवा या कार्यक्रमाचे आयोजनतीन स्तरावरकरता येईल. हे स्तर असे - महाविद्यालयीन स्तर, शालेय स्तर व सामाजिक स्तर. नमुन्यादाखलसमाजसेवा कार्यक्रमाची यादी पुढीलप्रमाणे आहे.

- महाविद्यालयीन स्तर** : परिसर सफाई, सुशोभन, वृक्षारोपन, श्रमदान, ग्रंथालयीन सेवा व महाविद्यालय विकासकार्यक्रमात सहभाग समाजहितासाठी उपयोगीकाम महाविद्यालय वेळोवेळी करावीत.

२. **शालेय स्तर** : शालेय आवाराचे सुशोभन, आरोग्य विषयक कृतिसत्राची अथवाशिबीराचे आयोजन, विषययोजितांचे समायोजनकरण्यात सहभाग, शालापयोगी शैक्षणिक साहित्याची निर्मिती, शाळेसाठी श्रमदान, पालकशिक्षक संघातसहभाग, शाळेसाठी वृक्षारोपन व वृक्षसंवर्धन, विद्यार्थ्यांसाठी अंधश्रध्दा, निर्मूलन, कार्यक्रमाचे आयोजन, विद्यार्थ्यांसाठीनेतृत्व प्रशिक्षणाचे आयोजन करता येतील.
३. **सामाजिक स्तर** : श्रमदान, वृक्षारोपन, वृक्षसंवर्धन, रस्तादुरूस्ती, सफाई, अंधश्रध्दानिर्मूलनकार्यक्रम, व्यसनमुक्तीकार्यक्रम, साक्षरता प्रसारकार्यक्रम, लोकसंख्या परिणामजागृतीकार्यक्रम, सांस्कृतिककार्यक्रमाचे आयोजन, समाजातीलएखादयाविभागाचे सर्वेक्षण व त्याच्या अडचणी सोडविण्यासाठीकृतीयुक्त सहभाग, आरोग्यशिबीराचे आयोजन, समाजातील युवकासाठीनेतृत्व प्रशिक्षणशिबीराचे आयोजनकरावे.
- १) **अहवालाची रूपरेषा** : अहवाल चार विभाग असावेत.
१. तात्विक विभागाची माहिती
  २. महाविद्यालयीन स्तरावरकेलेल्या समाजसेवाकार्याचा अहवाल
  ३. शालेय स्तरावरकेलेल्या समाजसेवाकार्याचा अहवाल
  ४. सामाजिक स्तरावरकेलेल्या कामाचा अहवाल .
- सत्र.१ अहवाल विद्यार्थी शिक्षकाकडून लिहून घेऊन त्याचे मूल्यमापन करावे.
४. **मूल्यमापन पध्दती** : या प्रात्यक्षिककार्याचे मूल्यमापन प्रक्रिया तसेच निष्पती या दोन पातळ्यावर व्हावे. काम चालू असतानाच सातत्याने हे मूल्यमापन करावे. यासाठी प्रथम सत्रासाठी २० पैकी गुण द्यावेत. निष्पती पातळीवर मूल्यमापनात केलेल्या कार्याचा विचार करून २० पैकी गुण द्यावेत व अहवाल लेखनासाठी १० पैकी गुण द्यावेत. असे एकूण ५० गुणांचे मूल्यमापन करावे.

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## Appendix A-04 नवोपक्रमशील संस्थेस भेट

### Visit to Innovative Organization

क्रेडिट -१

गुण-२५

कालावधी : ५० तास

उद्दिष्टे : छात्राध्यापकास.....

१. उपक्रमशील संस्थेची माहिती मिळविण्यास मदत करणे.
२. उपक्रमशील संस्थेस भेट देण्यास मदत करणे..
३. उपक्रमशील संस्थेची कार्यवाही समजून घेण्यास मदत करणे.
४. उपक्रमशील संस्थेची यशस्वीता अभ्यासण्यास मदत करणे.
५. अहवाल लेखनाची सवय लावण्यास मदत करणे.

**नवोपक्रमशील संस्थेस भेट कार्यक्रमाची रूपरेषा :** स्थानिक स्तर/जिल्हा स्तर/ राज्य स्तर व राष्ट्रीय स्तरावरील उपक्रमशील शैक्षणिक व सामाजिक संस्थेस भेटीचे आयोजन करावे. यासाठी शिक्षकाला जबाबदारी देऊन भेटीचे नियोजन करून योग्य ती कार्यवाही करावी. ह्या भेटीचा अहवाल विद्यार्थी शिक्षकाकडून घ्यावा. त्या अहवालाचे योग्य मूल्यमापन महाविद्यालयातच करावे.

**मूल्यमापन पध्दती:**नियोजनासाठी ५ गुण, कार्यवाही सहभागासाठी १५ गुण, अहवाल लेखनासाठी ५ गुण.

## Appendix A-05:आरोग्य व शारीरिक शिक्षण

### (Physical and Health Education)

क्रेडिट -२

गुण-५०

कालावधी : १०० तास

उद्दिष्टे: छात्रध्यापकास.....

१. आरोग्य व शारीरिक शिक्षण या विषयीचे महत्व समजवण्यास मदत करणे
२. सांघिक व वैयक्तिक खेळासंबंधीची तात्त्विक माहिती देणे.
३. सांघिक व वैयक्तिक खेळांचे महत्व समजवण्यास व सहभागी होण्यास मदत करणे.
४. योगा, प्राणायम, सुर्यनमस्कार संबंधीची तात्त्विक माहिती देणे.
५. योगा, प्राणायम, सुर्यनमस्कार व खेळ इत्यादी माध्यमातून आरोग्यपूर्ण जीवन जगण्यास मदत करणे.
६. शारीरिक, मानसिक, भावनिक बुद्धिमत्तेचा विकास करणे.

**आरोग्य व शारीरिक शिक्षणसंबंधित उपक्रमाचे स्वरूप:** एकूण पाच व्याख्यानाद्वारे प्रात्यक्षिक दोन खेळांची तरी माहिती द्यावी. (उदा. कबड्डी, खो-खो, क्रिकेट, व्हॉली-बॉल, टेनिस इ.) वर्षभरात आरोग्य व शारीरिक शिक्षण विषयक विविध उपक्रम व विविध खेळांचे आयोजन यासाठी तासिका ठेवाव्यात. आरोग्य व शारीरिक शिक्षणासंबंधित विविध उपक्रम सातत्यपूर्ण स्वरूपात सुरु ठेवावेत. किमान दोन आठवडयातून दोन तास या उपक्रमासाठी नियोजित असावेत.

**आरोग्य व शारीरिक शिक्षणसंबंधित उपक्रम आयोजन -**

१. खेळासंबंधित माहितीवर आधारित व्याख्यानांचे आयोजन
२. आरोग्यविषयक उद्बोधनपर व्याख्याने (वैद्यकीय क्षेत्रातील डॉक्टरांना निमंत्रित करावे.)
३. विविध खेळांचे आयोजन (सांघिक व वैयक्तिक)
४. आरोग्य तपासणीसाठीचे शिबिरांचे आयोजन
५. योग, प्राणायम, सुर्यनमस्कार यासंबंधी तात्त्विक माहिती व प्रात्यक्षिकांचे आयोजन.
६. विविध खेळ स्पर्धांचे आयोजन.

#### **Nature of Practical work of Physical and Health Education:**

The Practical work in Physical Education will be divided into three categories as given below:

**Category A:** Report Writing of Physical and Health Education practicum.

**Category B:** Attendance and Participation in organization and administration of the sports activities like Basket Ball, Kho-Kho, Kabaddi, Volley Ball, Cricket etc. during year.

N.B. -

1. The candidate is not to compete with each other while taking part in the test.
2. The college should provide necessary facilities for the practice of the above items.

**अहवालाची रूपरेषा :** अहवाल चार विभाग असावेत.

१. आरोग्य व शारीरिक शिक्षण तात्विक विभागाची माहिती : आरोग्य व शारीरिक शिक्षणाची उद्दिष्टे व महत्त्व, आरोग्यविषयक उद्बोधनपर व्याख्यानांची माहिती.
२. योग, प्राणायाम, सूर्यनमस्कार यासंबंधी तात्विक माहिती व पाच सांघिक खेळासंबंधित माहितीवर आधारित अहवाल
३. योग, प्राणायाम, सूर्यनमस्कार यासंबंधी प्रात्यक्षिकांचे व विविध खेळांचे आयोजन अहवाल
४. महाविद्यालयांतर्गत आरोग्य व शारीरिक शिक्षण विषयक उपक्रमाचे अहवाल

**Marking system:** Total Marks -50

अहवाल लेखन-१० मार्क

किमान चार स्पर्धातील सहभाग- १० गुण प्रत्येकी-एकूण ४० गुण

## **B. Ed. First Year Semester II**

### **Area A: Perspectives in Education**

#### **Course BED-II-04: Learning and Teaching**

Credits: 04

Periods: 60

Maximum Marks: 100

Internal Assessment Marks: 20

University Assessment Marks: 80

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#### **Objectives: On completion of this course the student -teachers will be able to:**

- 1) Appreciate the need and significance of the study of educational psychology in understanding the development of learner.
- 2) Understand the concept and factors affecting learning
- 3) Understand the concept and factors affecting teaching
- 4) Understand the Principles of learning and their educational implications.
- 5) Understand the Motivation in learning
- 6) Understand the Meaning, nature, factors influencing development of personality.
- 7) Understand the Meaning of adjustment and maladjustment and role of teacher in keeping good mental health of the learner.
- 8) Understand the Mental Processes related to learning.
- 9) Understand the concept, characteristics and nature of teaching.
- 10) Analyze and interpret the class room interaction.
- 11) Understand the various approaches, modes of transaction of Teaching-learning.

#### **Unit I - Understanding Learning**

- a) **Educational Psychology:** Meaning, scope, importance and limitations. And Study Methods of Educational Psychology - Introspection, observation, experimental case study.
- b) **Learning:** Concept (in the context of social and cultural), Factors affecting to the learning, learning dimensions: skills, attitudes and habits.
- c) **Principles of learning by psychologists :**( Pavlov, Thorndike, Kohler, Bandura, Gagne and their educational implications.
- d) **Motivation in learning:** Concept and educational implications Abraham Maslow's Motivational Theory.

## **Unit II – Understanding more about the learner.**

- a) **Intelligence**-Concept, Theories of Intelligence - Two factor theory, Multifactor theory, Guilford's theory. Intelligence test - types, Classification, interpretation and use of IQ
- b) **Mental Processes:** Attention, Perception, Memory.
- c) **Personality:** Meaning, nature, factors influencing development of personality. Integrated personality-Concept and role of teacher in developing learner's personality.
- d) **Mental Health and Hygiene:** Meaning of adjustment and maladjustment, role of teacher in keeping good mental health of the learner.

## **Unit III - Understanding Teaching**

- a) **Teaching process:** concept, characteristics and nature , relation of learning and teaching, Teaching as a complex activity Teaching as a profession
- b) **Reflective teaching:** concept and strategies for making teachers reflective practitioners. Analysis of classroom interaction, Flanders classroom interaction analysis
- c) **Approaches to Teaching-learning:** Behaviorist approach, Cognitive approach, Constructivist approach.
- d) Teacher competency and effectiveness, job satisfaction .Professional ethics for teachers.

## **Unit IV - Analyzing teaching in diverse classrooms**

- a) **Learning in a Social Group:** Characteristics and psychology of a social group. School as a social group, Class as a social group.
- b) **Group Dynamics:** Group Dynamics in a classroom, study of classroom dynamics - Sociometry, cumulative record card, observation. Meaning, importance, characteristics of leadership, the training for leadership in school.
- c) **Thinking Process and Leadership:**  
Thinking Process-Concept, Types, Importance  
Leadership-Concept, Characteristics, Training for Leadership in Schools.
- d) **Modes of Transaction** – reflecting, analytical writing, and studying teachers' diaries. Co-operative, collaborative, programme learning.

## **Sessional work: (Total 20 Marks)**



- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(10 Marks)**
- The students has to undertake **two** of the following practical and present the report **(10 Marks )**
- **Practical I: Compulsory** to all student –teacher.

Any **Five** psychology experiments related to the following topics.

1. Learning , Fatigue
2. Attention
3. Imagination
4. Memory
5. Perservation

**Practical II: Any one from following**

- 1) Organize and Interpreting following psychological tests (Any two) (Intelligence , Personality, Creativity, Attitude and Aptitude Test)
- 2) Engaging learner’s in the process of knowledge construction in a subject area following constructivist approach and presentation of paper in a seminar.
- 3) Preparation of learners profile based on cognitive and non-cognitive characteristics in order to depict individual differences at primary or secondary stage.
- 4) Analysis of learning situations through case study, presentation before a group followed by discussion.
- 5) To analyze any one teacher's classroom interaction.

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१९. घोरमोडे,के.यु. घोरमोडे कला (२००८) उदयोन्मुख भारतीय समाजातील शिक्षण—विद्या प्रकाशन, नागपूर.
२०. खरात, आ. पा. (१९७४), प्रगत शैक्षणिक मानसशास्त्र, श्रीविद्या प्रकाशन, पुणे.
२१. गोगटे, श्री. ब. शैक्षणिक मानसशास्त्र श्रीविद्या प्रकाशन, पुणे.
२२. जगताप, ह. ना.(१९९६) (संपादक) शैक्षणिक मानसशास्त्र, प्रकाशन, पुणे
२३. जगताप, ह. ना. अध्ययन उपपत्ती व अध्यापन, नित्यनूतन प्रकाशन, पुणे.
२४. जगताप, ह. ना.(२००७) शैक्षणिक व प्रायोगिक मानसशास्त्र, नूतन प्रकाशन, पुणे
२५. जगताप, ह. ना. शैक्षणिक मानसशास्त्र, अनमोल प्रकाशन, पुणे.
२६. दांडेकर, वा.ना. (१९७०), प्रायोगिक व शैक्षणिक मानसशास्त्र, मोघे प्रकाशन, कोल्हापूर.
२७. शिखरे विष्णू, अध्ययन अध्यापनाचे मानसशास्त्र- (जानेवारी २०१०,) नित्यनूतन प्रकाशन, पुणे.



**B. Ed. First Year Semester II**  
**Course BED-II-05: Contemporary India and Education**

Credits: 04

Periods: 60

Maximum Marks: 100

Internal Assessment Marks: 20

University Assessment Marks: 80

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**Objectives: To enable the student teachers to:**

1. Understand role and significance of education in Sociological perspectives.
2. Understand the nature of contemporary Indian society with prevailing social diversity, unity and integrity in diversity.
3. Understand the nature of Indian Society in relation to diversity, inequality and marginality.
4. Realize the need of collective living & resolution of tension peacefully.
5. Understand the process of socialization of learner through family, school & society.
6. Study the social, economical and educational background of individuals and institutions through case studies, surveys, questionnaires and interviews and statistically analyze the data to come to conclusions.
7. Have opportunities of having experience of engaging with diverse communities, children and schools.
8. Comprehend importance of constitutional values such as justice, freedom, equality and fraternity.
9. Acquaint the student teachers with provisions for education in the Indian constitution.
10. Have an opportunity to understand and appreciate policies and commissions constituted by the government(s) for public education in India

**Unit 1: Social diversity**

- a) Concept of social diversity, various levels of social diversity like individual region language, religions, castes, tribes etc.
- b) Educating children to respect social diversity and collective living.

- c) Concept of socialization and role of family, school and society on the socialization of students.
- d) Challenges of diversity for universalization education.

### **Unit 2: Indian Constitution and Education**

- a) Preamble, Fundamental rights and fundamental duties
- b) Directive principles of state policies
- c) Constitutional values and aims of education
- d) Constitutional Articles related to Education.

### **Unit: 3 Public policy and school education**

- a) Pre-independence period Education Policy.
  - a. Impact of Macaulay Minutes and Woods dispatch on Secondary Education.
  - b. Characteristics of Nanyee Talim.
- b) Post Independence Period Policy-in brief
  - a. Features of Mudaliyar Commission 1952-53
  - b. Features of National Education Policy-1986
  - c. Features of NCF-2005
- c) RTE 2009-Concept, need and responsibilities.
- d) Mid-day meal Scheme.

### **Unit: 4 Development of Indian education with special reference**

- a) Financial allocation for school education.
- b) Education of Marginalized group in Indian Society.
- c) Impact of Liberalization, Globalization, Privatization on Marginalized Group.
- d) Three Language formula.

### **Sessional work: (Total 20 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(10 Marks)**
- The students has to undertake **two** of the following practical and present the report **(10 Marks )**

Study and writing reports on **any two** of the following:

- 1) A case study of socially and economically deprived boy / girl of a backward class of society.

- 2) Report of the study of an impact of the educational programs like SSA, Mid-Day Meal on the educational of children, drop outs.
- 3) Seminars / project on the provisions / concepts / terminologies / principles in the Indian Constitution with special reference to education in general & deprived or minority in particular.
- 4) Study of festivals celebrated in rural & urban India.
- 5) Study / Project and report on a social reformer
- 6) A survey & analysis of educational problems of a locality.
- 7) Study of reasons of Tantamukta Abhiyan of any one village.
- 8) Survey on Evaluation of Mid-day Meal Programme of any three higher primary schools
- 9) Critical study & report of Educational commission, committees etc. like NCF-2005, NPE- 1986 etc.
- 10) Project on any one concept –privatization, globalization, RTE etc. or a pertinent topic assigned by the teacher.

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  २. शिक्षणाची तात्विक आणि समाजशास्त्रीय भूमिका डॉ.प्रतिभा पेंडके, विद्या प्रकाशन, नागपूर
  ३. विशेष शिक्षण प्रा.सीमा आवचर, नित्यनूतन प्रकाशन, पुणे
  ४. भारतीय शिक्षण –शिक्षण प्रणाली-डॉ.शारदा शेवतेकर/प्रा.मदने निकुमे, विद्या प्रकाशन, नागपूर
  ५. शैक्षणिक तत्वज्ञान आणि समाजशास्त्र , डॉ. के.यु.घोरमोडे/डॉ.कला घोरमोडे, विद्या प्रकाशन, नागपूर
  ६. प्रगत शैक्षणिक समाजशास्त्र , डॉ.अरविंद दुनाखे/डॉ.लिना देशपांडे , नित्यनूतन प्रकाशन, पुणे.
  ७. भारताची राज्यघटना, प्रत्येक भारतीय नागरिकाचा धर्मग्रंथ टेंभेकर प्रविण (२००७) - पार्थ प्रकाशन, मुंबई.
  ८. संचालक , मुद्रण व लेखनसामग्री , महाराष्ट्र (१९८८) भारताचे संविधान, महाराष्ट्र शासन, मुंबई
  ९. उदयोन्मुख भारतीय समाजातील शिक्षण, करंदीकर सुरेश, फडके प्रकाशन, कोल्हापूर.
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- 5) <http://lawmin.nic.in/coi/coiason29july08.pdf>.
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## B. Ed. First Year: Semester II

### CURRICULAR AREA B: PEDAGOGY COURSES

#### Course –B. Ed. II - 06: Pedagogy of Marathi (Part – I)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

**उद्दिष्टे:** विद्यार्थीशिक्षकाला.....

१. मराठी भाषा निर्मिती व भाषा विकास प्रक्रियेतील टप्पे समजण्यास मदत करणे.
२. मराठी मातृभाषा अध्ययनाचे महत्त्व समजण्यास मदत करणे.
३. मराठी भाषा, अन्य भाषा, अन्य अभ्यासविषयक व व्यक्तीचे जीवन यांचा सहसंबंध समजण्यास मदत करणे.
४. मातृभाषेच्या अध्यापनाची ध्येये व उद्दिष्टे समजण्यास मदत करणे.
५. मातृभाषा अध्यापनासाठी यथोचित पध्दती, तंत्रे, भाषिक कौशल्याची माहिती घेण्यास मदत करणे.
६. मातृभाषा शिक्षकांची गुणवैशिष्ट्ये समजण्यास मदत करणे.
७. मातृभाषा अध्यापनासाठी उपयुक्त अध्यापन प्रतिमानाची माहिती घेण्यास मदत करणे.
८. मातृभाषेच्या विविध अंगाच्या अध्यापनाचा परिचय करून घेण्यास मदत करणे.

**घटक : १. मराठीचे अभ्यासक्रमातील स्थान / मातृभाषा मराठी**

- अ) मराठी भाषा स्वरूप व वैशिष्ट्ये आणि मराठीचे महत्त्व व सद्यःस्थिती
- ब) मराठी भाषेचा उगम व विकास
- क) मातृभाषा अध्ययन - अध्यापनाचे महत्त्व
१. शिक्षणाचे माध्यम म्हणून स्थान
  २. सामाजिक, सांस्कृतिक प्रसारणाचे साधन
  ३. वाङ्मयीन आवड व अभिरूचीनिर्मितीची साधन
  ४. विचार, भावना, व अनुभव यांच्या आदान-प्रदानाचे साधन
  ५. व्यक्तिगतविकासाचे साधन
- ड) मराठीचा अंतर्गत सहसंबंध व अन्य शालेय विषयाशी सहसंबंध

**घटक : २. अध्ययन अध्यापनकार्यनिती**

- अ) मातृभाषा अध्यापन पध्दती
१. कथन २. परिसंवाद ४. चर्चा व प्रकार ५. प्रकल्प ६. बुद्धिमंथन ७. उद्गामी-अवगामी
- ब) मातृभाषा अध्ययनाचीतंत्रे :
१. नाट्यीकरण २. मुलाखत ३. पर्यवेक्षित अभ्यास ४. रसग्रहण (महत्त्व, उपयुक्तता, मर्यादा)
- क) भाषिक कौशल्यांचा विकास:(श्रवण, भाषण, लेखन, वाचन, संभाषण, रसग्रहण)
- ड) अध्यापन प्रतिमाने: १) संकल्पना प्राप्ती अध्यापन प्रतिमान २) भूमिका पालन अध्यापन प्रतिमान

**घटक : ३ मराठी भाषा शिक्षक- व्यावसायिकविकास आणि संशोधन**

- अ) मराठीशिक्षकांची पात्रता, गुणवैशिष्ट्ये, आव्हाने आणि उपाय.
- ब) मराठीशिक्षकांचा व्यावसायिकविकास
- क) मराठीशिक्षकांचे विषय संघटनेतील योगदान व भूमिका
- ड ) कृतिसंशोधन संकल्पना, महत्त्व, गुणवैशिष्ट्ये, पाय-या व आराखडा लेखन

**घटक : ४ मातृभाषा अध्यापनाची साधने व मातृभाषेच्या विविध अंगांचे अध्यापन**

**अ. अध्यापनाची साधने :** १. व्हिडिओ २. ध्वनीफित ३. शब्दपट्ट्या ४. संगणक ५. इंटरनेट ६. भाषा प्रयोगशाळा ७. चित्रपट / नाटक ८. मोबाईल ९. टी.व्ही. १०. जाहिरात लेखन ११. तक्ते

**ब..गद्य अध्यापन :** स्वरूप, महत्त्व, उद्देश, आणि प्रकार, गद्य अध्यापन पध्दती

**क. पद्य अध्यापन :**स्वरूप, महत्त्व, उद्देश, आणि प्रकार, पद्य अध्यापन पध्दती

**Sessional Work (Total 10 Marks)**

वर्गनिबंधासाठी दिलेले तीन प्रश्न शिक्षक प्रशिक्षकाकडून तपासून घ्यावेत. त्यापैकी कोणत्याही एक प्रश्न वर्गनिबंधासाठी परीक्षेच्या वातावरणात लिहून घ्यावा. (५ गुण)

खालीलपैकी कोणत्याही एका प्रात्यक्षिककार्याचा अहवाल सादरकरणे.(५ गुण)

१. मराठी अध्यापनातील समस्या सोडविताना कृती संशोधन आराखडा तयार करणे.
२. मराठी साहित्य अनुवादित, मूळ साहित्य व साहित्यकृतीचे समीक्षण करून अहवाल लेखन करणे.
३. मराठी भाषा शिक्षक विषयक व संशोधन अहवाल त्यातून मिळालेले निष्कर्ष यांचा अभ्यास करून भाषा शिक्षण सुधारण्यासाठी मराठी विषयक सहशिक्षकांची चर्चा करून अभिप्राय लेखन करणे.
४. भाषाविषयक संशोधन/सेमिनार/कार्यशाळा यांचा अभ्यास करून अहवाल लेखन करणे.
५. एका साहित्यिकाची मुलाखत घेवून अहवाल लेखन करणे.
६. मराठी भाषेसंबंधित एखाद्या विषयावर कात्रणसंग्रह करणे.
७. एका साहित्यिकांचा परिचय अहवाल लेखन करणे.

**References:** For references of this pedagogic course, please refer the references cited in semester III of the respective pedagogic course.

**B. Ed. First Year: Semester II**  
**CURRICULAR AREA B: PEDAGOGY COURSES**  
**Course –B. Ed. II - 06: Pedagogy of Hindi (Part – I)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**उद्देश: छात्राध्यापकोंको / में.....**

१. हिंदी भाषा का व्यापकता से परिचय कराना।
२. हिंदी अध्यापन के व्यापक तथा कक्षा अध्यापनके उद्देश्योंको समझ लेने में मदद करना।
३. हिंदी भाषा की विविध पध्दतियों का परिचय कराना।
४. भाषा शिक्षा की विभिन्न विधाओं से परिचित कराना।
५. भाषा सीखने की सृजनात्मक प्रक्रिया का विकास करना।
६. कृतिसंशोधन करने की क्षमता विकसित करना।

**प्रथमइकाई - भाषा का स्वरूप महत्व एवं स्थान**

१. हिंदी भाषा का उद्गम : संक्षिप्त इतिहास, महत्व, स्वरूप, विकास.
२. समवाय के प्रकार तथा हिंदी भाषा का अन्य विषयों से समवाय।
३. छात्र के जीवनमें भाषा का महत्व (समाजिक, भावनिक, बौद्धिक विकास आदि )
४. भारतीय बहुभाषिक समाज में हिंदी का स्थान, महत्व, राष्ट्रभाषा के रूप में हिंदी का स्थान

**द्वितीयइकाई –भाषा अध्यापनके उद्देश औरकौशल**

१. हिंदी अध्यापनके उद्देश— (उच्च प्राथमिक, माध्यमिक एवं उच्च माध्यमिक स्तर)
२. हिंदी भाषा के व्यापक उद्देश, वैश्विक स्तरपर हिंदी भाषा की भूमिका
३. भाषा कौशल- श्रवण, वाचन, लेखन, भाषण-संभाषण, अभिनय एवं निरीक्षणकौशल  
कंठस्थीकरण-महत्व एवं लाभ।
४. शिक्षा समितियाँ-राष्ट्रीय समितियाँ- राष्ट्रीय शिक्षा नीती १९८६ / पुनर्रचना १९९२,राष्ट्रीय पाठ्यचर्या २००५

**तृतीयइकाई - भाषा का अध्ययन एवं अध्यापन**

१. भाषा अध्यापनके सूत्र

२. भाषा शिक्षा के समाजिक आधार— परिवार, तथा विद्यालय, समयस्क मित्र (हमउम्र), विभिन्न समुदाय,
३. जनसंचार अन्य माध्यम
४. हिंदी अध्यापनकी विविध पद्धतियाँ (संभाषण, नाटयीकरण, चर्चा, प्रश्नोत्तर निदानात्मक, उपचारात्मक अध्यापन आदि)।
५. अध्यापन प्रतिमान - भूमिका पालन, संकल्पना प्राप्ति प्रतिमान, सृजनात्मक विकास प्रतिमान आदि

#### चतुर्थइकाई - भाषा शिक्षा कीविधाएँ

- १) सहायक साधन— प्रक्षेपित एवं अप्रक्षेपित साधन स्वरूप, महत्व एवं प्रकारइ.
- २) गद्य विधा - महत्व, उद्देश्य, प्रकार, प्रमुख रचनाकारोंका संक्षिप्त परिचय, अध्यापन पद्धतियाँ ।
- ३) पद्यविधा - महत्व, उद्देश्य, प्रकार, प्रमुख रचनाकारोंका संक्षिप्त परिचय, अध्यापन पद्धतियाँ ।
- ४) कृति संशोधन- महत्व तथाकार्यान्वयन

#### परियोजन (सत्र) कार्य:-

- १) प्रपाठ के लिए दिए जानेवाले तीन प्रश्नोंमे से एक प्रश्न लिखना अनिवार्य है । (५ मार्क्स )
- २) निम्नलिखित में से किसी एक पर परियोजन तैयार करें।(किसी दो विषयपर) (५ मार्क्स )
  १. राष्ट्रभाषा हिंदी का स्थानजानने हेतु प्रश्नावली बनाकर दस परिवारोंका सर्वेक्षण करें।
  २. रेडियो या दूरदर्शनके लिए हिंदी भाषा संबंधी कार्यक्रमका प्रारूप तैयारकीजिए।
  ३. हिंदी भाषा के किसी एक कौशल के विकास हेतु प्रपत्र तैयार कीजिए।
  ४. हिंदी भाषा उच्चारण एवं बलाघात के विशेष के निदानात्मक उपचार पद्धती से प्रारूप तैयार कीजिए।

**References:** For references of this pedagogic course, please refer the references cited in semester III of the respective pedagogic course.

**B. Ed. First Year: Semester II**  
**CURRICULAR AREA B: PEDAGOGY COURSES**  
**Course –B. Ed. II - 06: Pedagogy of English (Part – I)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Course Objectives:**

This course aim at enabling student-teacher to-

1. Understand the nature, landmark, and structure of English
2. Understand syllabus of English
3. Use instructional objectives and their specification at upper primary, secondary and higher secondary level.
4. Acquaint approaches, methods, models and various learning resources.
5. Understand conceptual knowledge of phonemes morphemes and syntax.
6. Transform from direct speech into indirect speech, active voice into passive voice, positive degree into comparative and superlative degree.

**Unit No 1: Nature of English**

- a) Nature of English Language.
- b) Landmark of English in India.
- c) Structure of English.
- d) Core elements, values and life skills to be inculcated through English teaching.

**Unit : 2 Curriculum reforms in English language**

- a) Aims and objectives of teaching English at upper primary, secondary and higher secondary level.
- b) Instructional objectives of English such as Listening, Speaking, Reading and Writing with their specifications.
- c) Features and types of English syllabus.

**Unit : 3 Teaching Process of English Language**

- a) Approaches : Situational, structural and communicative.

- b) Methods : Direct method, Bilingual Method and Eclectic Methods.
- c) Models : Concept Attainment Model and Advance Organizer Model.
- d) Learning resources in English such as Dictionary, Textbook, Handbook, Charts, Models, Language Laboratory, Internet and E-Books.

#### **Unit : 4 Conceptual Knowledge of English**

- a) Phonemes and Morphemes
- b) Syntax
- c) Transformation : Direct and Indirect Speech
  - Active and Passive voice
  - Degree – Positive Comparative and Superlative

#### **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students will undertake **any one** of the following practical and present the report **(5 Marks)**

#### **Practical / Field Tasks:**

- 1) Interview of English Subject Teacher at Upper Primary, Secondary, Higher Secondary School Level.
- 2) Organize one visit to English department for knowing and observing innovative practices and write report on it.
- 3) Prepare one teaching aid of English which must be related to Std IX text book

**References:** For references of this pedagogic course, please refer the references cited in semester III of the respective pedagogic course.

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**B. Ed. First Year: Semester II**  
**CURRICULAR AREA B: PEDAGOGY COURSES**

**Course –B. Ed. II - 06: Pedagogy of Urdu (Part – I)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives:**

After completion of course the student teaching will be able to...

1. Develop and understanding of the meaning, nature, place and importance of Urdu in school and higher secondary curriculum and human life.
2. Understand the role Urdu in national & international integration.
3. Understand the general objectives of teaching Urdu according to NCF 2005 and SCF 2010.
4. Understand the contribution of poet and writer done in Urdu subject.
5. Be acquainted with method maxims techniques strategies and resources of teaching Urdu.
6. Understand the concept of models of teaching, types of models of teaching and their implications.
7. Acquire the knowledge of historical development of Urdu.
8. Develop skill of preparing and use of different types of learning aids.

**Unit – I Nature of Urdu and learning**

- a) Meaning, Nature, scope of Urdu.
- b) Place and importance of Urdu in school and High secondary level.
- c) Co-relation of Urdu with other subject.
- d) General objectives of Urdu with reference to NCF 2005 and SCF 2010. Instructional objectives and its specifications.

**Unit – II Strategies for learning**

- a) Methods: lecture, inductive, deductive dramatization, Methods of teaching prose, poetry & grammar.

- b) Techniques and maxims of teaching: Questioning, explanation( Narration Supervised, shortly discussion, assignment, observation and maxims of teaching.
- c) Strategies: Constructivism, Co-operative, and collaborative teaching computer Assisted learning (CAL) Project based learning (PBL)
- d) Models of teaching: Concept attainment, Inductive thinking, Advance organizer model, Role playing model,

### **Unit – III Learning Aids in the subject Urdu**

- a) Importance of Audio visual aids and various types of A/V aids. Text Book, Black Board, Charts, Models, Pictures, News Papers, Journals and Periodicals, Dictionary, reference Book, and other literary material, Radio, Tape recorder, T.V., Telephone, Mobile, Over Head Projector, (OHP), Films Projector, L.C.D. Projector, C.D., D.V.D.,
- b) **Support system** - 1) Urdu Room- Need, importance and layout of Urdu room. 2 Language Laboratory: Objectives and Functions, Planning and organizing

### **Unit – IV Professional development of Urdu teacher**

- a) Origin of Urdu
- b) Status & development of Urdu in different period
- c) Role & important of Urdu in national & international integrations.
- d) Historical development of Urdu in different period, Contribution of poets and writers of Urdu in Urdu subject -Dr. Md.Iqbal, Mirza Galib, Sir Sayyed Ahamad Khan.

### **Sessional Work (Total Mark: 10)**

1. The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
2. The student may undertake **any one** of the following activities and present the report. **(5 Mark )**
  - i) Report Writing on Urdu laboratory facilities in college.
  - ii) Preparation of programmed Instruction/computer Assisted Instruction (CAI) ICT based learning materials.
  - iii) Report writing on five Urdu activities in school.



- iv) Preparation of action research proposal in Urdu.
- v) Preparing of one innovative & useful teaching aid.

**References:** For references of this pedagogic course, please refer the references cited in semester III of the respective pedagogic course.

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## B. Ed. First Year: Semester II

### CURRICULAR AREA B: PEDAGOGY COURSES

#### Course –B. Ed. II - 06: Pedagogy of Mathematics (Part – I)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives** - After completion of course the student-teacher will be able to:

1. Develop insight into the meaning, nature, scope of mathematics education and appreciate the role of mathematics in day-to-day life;
2. Understand correlation of Mathematics with other school subjects and within subject.
3. Understand and appreciate the work done by eminent Mathematicians..
4. Be acquainted with aims and objectives of teaching Mathematics at secondary school level.
5. Get acquainted with various Strategies, methods and techniques of teaching Mathematics.
6. Prepare and evaluate instructional materials in Mathematics learning.
7. Understand support systems for teaching of Mathematics.
8. Appreciate the importance of Mathematics laboratory in learning Mathematics
9. Understand steps of action research and scientific methods in Mathematics.
10. Be acquainted with teaching of various concepts in Arithmetic and Algebra.

#### **Unit I - Nature of Mathematics and Learning**

- a) Mathematics: Meaning, nature, scope, importance.
- b) Correlation of Mathematics with other school subjects and within Mathematics.
- c) Contribution of great Mathematicians viz Baskaracharya, Ramanujan, Euclid, Pythagorus.
- d) Aims and general objectives of teaching Mathematics.

**Unit II - Strategies for Learning** Methods and Approaches of teaching mathematics – Inductive, Deductive, Analytical Synthetic, Heuristic, Project, Laboratory, Problem Solving, guided discovery.

- a) Models of Teaching - Concept attainment, Inductive thinking, Advance organizer model.
- b) Techniques and devices of Teaching of Mathematics: Oral work, Homework, Supervised study, Drill work, Assignment,
- c) Maxims of teaching Mathematics

**Unit III -Learning Aids & Research in the subject.**

- a) Construction and Implementation of Teaching Aids in Teaching of Mathematics: Visual- Charts, graph, Models, Pictures, diagram, Digital Audio-recorder & Player. Audio-visual – TV, Computer, Mobile.
- b) Different types of boards-flanel, magnetic, flash, display.
- c) Mathematics Club: Objectives and Functions, Mathematics Laboratory-Planning and organizing lab activities.
- d) Maths Quiz, Maths fair, Exhibitions, Maths Meuseum.

**Unit IV - Teaching of various aspects in Mathematics: Arithmetic & Algebra**

- a) Arithmetic: Number System, Time and Work, Area and volume.
- b) Arithmetic: Simple and compound interest, profit and loss, discount, Ratio and proportion,
- c) Algebra: Algebra as a generalized arithmetic, Indices, Sets.
- d) Algebra: Systems of linear equations and their graphical solutions, quadratic equations, polynomials, factorization, Factor theorem and remainder theorem.

**Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students will undertake **any one** of the following practical and present the report **(5 Marks)**
  - 1) Project on work done by are eminent Mathematician.
  - 2) Organize and report the experiences of two lessons by use of ICT in mathematics at secondary level.

- 3) Organize and report the experiences of two lessons by use of constructivist strategies in Mathematics at secondary level.
- 4) Review of research articles from journals on Mathematics education related to teaching and learning of Mathematics.
- 5) Case study of a gifted/ talented / special need student of Mathematics.
- 6) Critical analysis of any one website related to teaching / learning of Mathematics and report

**References:** For references of this pedagogic course, please refer the references cited in semester III of the respective pedagogic course.

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## B. Ed. First Year: Semester II

### CURRICULAR AREA B: PEDAGOGY COURSES

#### Course –B. Ed. II - 07: Pedagogy of Science (Part – I)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives** - After completion of course the student-teacher will be able to:

1. Develop insight into the meaning, nature, scope of Science and appreciate the role of Science in day-to-day life;
2. Understand correlation of Science with other school subjects and within subject.
3. Understand and appreciate the work done by eminent Scientist.
4. Be acquainted with aims and objectives of teaching Science at secondary school level.
5. Get acquainted with various Strategies, methods and techniques of teaching Science.
6. Prepare and evaluate instructional materials in Science learning.
7. Understand support systems for teaching of Science.
8. Appreciate the importance of Science laboratory in learning Science
9. Understand steps of action research and scientific methods in Science.
10. Be acquainted with teaching of various concepts in Science

#### **Unit I - Nature of Science and Learning**

- a) Science: Meaning, nature, scope, importance.
- b) Correlation of Science with other subjects and within Science.
- c) History of Science: with special emphasis on teaching of Science, Contribution of great Scientist with reference to Einstein, Isac Newton, Dr. HomiJahagirBhabha, Dr. A.P.J. Abdul Kalam.
- d) Study of the aims and general objectives of teaching Science.

#### **Unit II - Strategies for Learning**

- a) Learning by Inquiry Approach, Problem Solving, Project Method, Constructivist: Group discussion and cooperative learning, Concept mapping.

- b) Methods –Demonstration, experimental, heuristic, project, Inductive - Deductive, analytical-synthetic.
- c) Models of Teaching - Concept attainment, Inquiry Training Model.
- d) Maxims of teaching, Techniques and devices of Teaching of Science.

### **Unit III -Learning Aids & Research in the subject.**

- a) Construction and Implementation of Teaching Aids in Teaching of Science
  - 1) Visual - Chart, graph, Models, Photo and Picture OHP
  - 2) Audio - Tape recorder, Digital Audio-recorder & Player.
  - 3) Audio-visual – TV, Computer.
- b) **Support system-** 1) Science Club: Science Fare, field trips, Botanical garden, Museum, Aquarium
- c) The Science Laboratory-Need and organizing design and equipment and safety precautionary measures.
- d) Action research proposal, Steps in action research.

### **Unit IV - Teaching of Various aspects in Science:**

Heat, light, friction, force, work and energy, reflection and refraction, motion. Types of motion, structure of atom, static electricity, radioactivity, press energy crisis

#### **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students will undertake **any one** of the following practical and present the report **(05 Marks)**
  1. Project on any topic of Science.
  2. Organize and report the experiences of two lessons by selecting appropriate models of teaching in Science at secondary level.
  3. Organize and report the experiences of two lessons by use of ICT in Science at secondary level.
  4. Organize and report the experiences of two lessons by use of constructivist strategies in Science at secondary level.
  5. Review of a research article from journals on Science education related to teaching and learning of Science.
  6. Case study of a gifted/ talented and an unsuccessful learner in Science.

7. Development of a learning aid on a topic in Science and the procedure for using it

**References:** For references of this pedagogic course, please refer the references cited in semester III of the respective pedagogic course.

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## **B. Ed. First Year: Semester II**

### **CURRICULAR AREA B: PEDAGOGY COURSES**

#### **Course –B. Ed. II - 07: Pedagogy of History (Part – I)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives** - After completion of course the student-teacher will be able to:

1. Develop insight into the meaning, nature, scope of history education and appreciate the role of History in day-to-day life.
2. Be acquainted with aims, values and objectives of teaching History& Civics at secondary school level.
3. Understand correlation of History with other school subjects and within subject.
4. Understand and appreciate the work done by eminent Historians.
5. Get acquainted with various methods, Strategies and techniques of teaching History.
6. Understand steps of action research and scientific methods in History.
7. Prepare and evaluate instructional materials in History learning.
8. Understand support systems for teaching of History.
9. Be acquainted with teaching of various concepts in History and Civics.

#### **Unit I - Nature of History & Civics**

- a) **History & Civics:** Meaning, nature, scope, importance& kinds of History.
- b) **Aims and values** of teaching History at secondary level, instructional objectives of teaching History and Civics with their specifications.
- c) **Correlation** of **History** with other school subjects.
- d) **Historiography:** with special emphasis on teaching of History, Contribution of great Historians with reference to Herodotus, Karl marks, Sir Jadunath Sarkar, V.K.Rajwade

#### **Unit II - Strategies for Teaching and Learning of History**



- a) **Methods**–Narration, Source, Story Telling, Discussion, Problem Solving.
- b) **Learning strategies:**Constructivism, Cooperative and collaborative strategies, concept mapping, computer Assistant learning .
- c) **Models of Teaching:** Role playing model, Jurisprudential model, Advance organizer model.
- d) **Techniques and devices:** Symposium, brainstorming, assignment, supervised study, dramatization.
- e) **Maxims of Teaching**

### **Unit III - Learning Aids& Research in the subject**

- a. **Construction and Implementation of following teaching aids in History & Civics**
  - 1) Visual - Chart, Map, Time Charts, Film strip, pictures, models, objects2) OHP - Audio - Tape recorder, Digital Audio-recorder & Player.3) Audio-visual – TV, Computer, LCD projector, Mobile.
- b. **Support system** - 1) History room- Need, importance and layout of History room. 2) History Club: Objectives and Functions, Planning and organizing, exhibition, various activities for the preservation of Historical places.
- c. Action research proposal, Steps in action research.

### **Unit IV - Teaching of various aspects of History& Civics**

- a) Sources of History (Ancient).
- b) Conflict with the Mughals.
- c) Marathas- The Protectors of the Nations.
- d) Rights and duties of the Indian citizen as per constitution.

### **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students will undertake **any one** of the following practical and present the report **(05 Marks)**
  1. Project on any work done by renewed HISTORIAN.

2. Visit to any historical place and report with Pictures it.
3. Collect the information about any current Historical event and analyses with your view.
4. Organize and report the experiences of two lessons by use of ICT in History at secondary level.
5. Organize and report the experiences of two lessons by use of constructivist strategies in History at secondary level.
6. Development of a learning aid on a topic in History and the procedure for using it
7. Collection of Pictures & information of Various Forts in India.
8. Writing report of participation in conferences/seminars/workshops in History.

**References:** For references of this pedagogic course, please refer the references cited in semester III of the respective pedagogic course.

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## **B. Ed. First Year: Semester II**

### **CURRICULAR AREA B: PEDAGOGY COURSES**

#### **Course –B. Ed. II - 07: Pedagogy of Geography (Part – I)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives** - After completion of course the student-teacher will be able to:

1. Develop insight into the meaning, nature, importance, modern concept of geography education and appreciate the role of geography in day-to-day life;
2. Understand correlation of geography with other school subjects and within subject.
3. Be acquainted with aims and objectives of teaching Geography at upper primary, secondary & Higher secondary level.
4. Get acquainted with various Strategies, methods and techniques of teaching Geography.
5. Prepare and evaluate instructional materials in Mathematics learning.
6. Understand support systems for teaching Geography.
7. **Be** acquainted with teaching of various concepts in Geography subject.

#### **Unit I - Nature of Geography and Learning**

- a) Geography : Meaning, nature, importance & Modern concept.
- b) Co-relation of Geography with other subjects and within Geography.
- c) Aims of teaching Geography with their specifications at upper primary, secondary & Higher secondary level.
- d) Objectives of Teaching Geography with their Specifications at Secondary Level.

## Unit II - Strategies for Learning

- a) Methods and Approaches of teaching Geography – Regional, Observation, Lecture, Journey, Excursion, Project, Laboratory
- b) Models of Teaching -Concept attainment, Advance organizer model, Use of Constructivism in teaching Geography.
- c) Strategies for teaching Geography-Discussion, Seminars, Map reading, Field Work, Supervised study, Co-Operative Learning, Brainstorming.
- d) Maxims of Teaching Geography.

## Unit III - Learning Aids & Research in the subject.

- a) Instructional materials & Aids 1) Visual - Chart, graph, Boards, Maps, Globe, Atlases, Pictures, OHP 2) Audio - Tape recorder, Digital Audio-recorder & Player, Radio. 3) Audio-visual – TV, Computer, Mobile.
- b) **Support system**-1) Geography Club: Objectives and Functions 2) The Geography Room-structure & use
- c) Geography Field visit .
- d) GIS & GPS Techniques use & importance in Geography

## Unit IV - Teaching of various aspects in Geography

- a) Structure of Waves
- b) Types of Rains
- c) Primary Occupation
- d) Concept and Use of Latitude and Longitude.

### Sessional work: (Total 10 Marks)

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students will undertake **any one** of the following practical and present the report **(05 Marks)**
  1. Project on work done by are eminent Geographers.
  2. Review of Research articles from journals on Geography Education related to teaching & learning of Geography

3. Preparation of programmed instruction / computer assisted instruction CAI /ICT based learning materials.
4. Visit to Metrological Department –observe & prepared the report.
5. Collect information about any current Geographical event & analyses with your view.
6. Prepare the one teaching Aid of Geography subject .
7. Critical analysis of any one website related to teaching / learning of Geography and report.

**References:** For references of this pedagogic course, please refer the references cited in semester III of the respective pedagogic course.

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## **EPC 2: Drama and Art in Education (1/2)**

Credits: 02

Periods: 60

Maximum Marks: 50

Internal Assessment Marks: 50

University Assessment Marks: 00

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### **Objective:**

#### **To enable the student teacher to:**

- 1) Deep relation between the hand, head and heart by art & drama.
- 2) Involves relation introspection by drama and art in education.
- 3) Providing opportunities for nurturing the creative talent and aesthetic sensibilities of student teachers by art and drama.
- 4) To develop real life situations and different learning experiences of society by drama and art education.
- 5) Providing opportunity and training to student teachers for acquiring and enhancing necessary skills in different areas of art and drama as a forthcoming teacher and also as an individual.
- 6) Providing support in organizing festivals, fairs, exhibitions, shows to inculcate the different values in student teachers.
- 7) Understand traditions and different social transformations and issues by art and drama education.
- 8) Providing a platform to establish art and drama as 'mediums of education' in relation to other school subjects.

#### **A) Arranging the workshop of Drama and Art :**

- ❖ Concept of drama and arts
- ❖ Types of arts
- ❖ Types of drama
- ❖ Activity of unsettling experiences and unpredictable situations.

(Drawing and painting, print making, collage making, clay work, puppet making, mask making, applique work, performing arts tool and equipments of music, dance and drama, other suggestive forms and practices)

#### **B) Arranging lecture of resources person(s):**

Arranging the lectures of various artists and other resources persons which are directly or indirectly working in the art and drama field.

- ❖ Drawing and painting, print making, colouge making, clay modals, puppet making, mask making. Applique work (Jute Work, Bamboo Work, Handmade products) performing arts tools and equipment's of music, dance and drama other suggestive forms and practices.

**C) Arranging activities for students:**

1. Look reality through at this fantasy
2. Various roles playing.
3. Role of histories personality.
4. Hot seating range critical questions (KBC) on social contact.
5. By wastage material made useful product.
6. Activity based on segregated environments (cast, religion, gender)
7. Presentation of folk tradition culture and awareness of culture and awareness of culture.
8. Handy craft bared activity origamy, papar cutting, and colloge and drawing, clay work, creative crafts cardboard and paper craft, gardening, local indigenous crafts, carpentry, metal work, pottery, music dances and drama.

❖ **Assessment test:**

**1) Visual arts and crafts: ( 25 Marks)**

**a) Drawing and painting:** Activities for student teacher, Card boards, drawing papers, kite papers, mat closed papers, coloured magazine, newspaper print, wall paper, colored glared papers. Marble papers, laces, jute, fibers, etc. for use drawing and painting.

**b) Print making:** for standing process, mono printing, relief and roller printing.

**c) Coloage making:** paper collage, mixed collages.

**d) Clay work:** Use of various Clay, common clay, china clay, models for stone wares.

**e) Puppet making:** Rhythmic puppet, table top puppets, hand puppets, handkerchief paper, red puppets, shadow puppets.

**f) Mask making:** Use of cartons, papers, west material making of model mask.

**2) Performing arts-tools and equipment of Music: ( 25 Marks)**

**Music**

- ❖ Following instruments are practice and performing harmonium, tabla, dholak, khanjiri, jhanjh, duf or tambourine, mridang, veena, electronic

tabala, electronic Tanpura, Yamaha, Roland keyboard, guitar, regional musical instruments.

### **Dances**

- ❖ Introducing various dance forms
- ❖ At least one dance for demonstration and practice session.
- ❖ Participation and helps in preserving traditional and local specific art.
- ❖ Singing
- ❖ Introduction of the various folk songs and forms.
- ❖ Introduction of rhythm, tal and classical music.
- ❖ Use of songs for social awareness

### **Drama Activities:**

1. Dramatization of the Lesson, poem or any other content.
  2. Extempore.
  3. Script Writing.
  4. Writing dialogues or acts and Radio Programs Scripts.
  5. Writing and performing one act play,
  6. Writing and Performing Street Play.
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**Engagement with the Field Semester –II**  
**AppendixB-01 Practice Teaching and Internship**

सरावपाठ नियोजन व शालेय आंतरवासिता

क्रेडिट - ४

गुण-१००

कालावधी : २०० तास

For Semester –II Internship + Practice Lesson (8) = 60+40 = 100 Marks

उद्दिष्टे : छात्राध्यापकास....

१. शाळेतील आंतरक्रियात सहभागी होण्यास मदत करणे.
२. बुलेटिन तास, परिपाठ, फलक लेखन या उपक्रमाचे नियोजन व आयोजन करणे.
३. शाळेतील समाजसेवा आर.एस.पी./एम.एम.सी.यापैकी एका उपक्रमाचे नियोजनकरून अहवाल लिहण्यास मदत करणे.
४. शाळेतील शारीरिक शिक्षण व आरोग्य शिक्षण, कार्यानुभव, या विषयासाठी कार्यक्रम राबविण्यास मदत करणे.
५. कृतिसंशोधनाचा आराखडा व कृतिसंशोधन कार्यवाही करण्यास मदत करणे.
६. अध्यापन पध्दतीशी संबंधित प्रात्यक्षिके राबविण्यास मदत करणे.

**सरावपाठ प्रशिक्षण (सत्र २,३,४)**

सरावपाठ प्रशिक्षण हे प्रामुख्याने शालेय आंतरवासिता कालखंडात घ्यावयाचे आहे.

उद्दिष्टे : छात्राध्यापकास....

१. वर्गाअध्यापन कार्यासाठी आवश्यक अशा अध्यापन पध्दती, तंत्रे व क्लुप्त्या याविषयी महिती मिळविण्यास मदत करणे.
२. पाठ नियोजन तत्वानुसार विविध पाठांचे नियोजन करण्यास मदत करणे.
३. अध्यापनाचा सराव देवून अध्यापन पध्दती आत्मसात करण्यास मदत करणे.
४. वास्तव परिस्थितीत अध्यापन कार्याची संधी देवून त्याची परिणामकारकता आजमविण्यास मदत करणे.
५. अध्यापन पध्दतीनुसार व इतर अध्यापनाची पाठ निरीक्षण करण्यास संधी देणे.

**प्रात्यक्षिकासाठी आवश्यक आधारप्रणाली :** पाठयपुस्तके, शैक्षणिक साधने, पाठ टाचण, निरीक्षण, नोंद तक्ते, सरावपाठ शाळांचे पूर्ण सहकार्य व सुविधांची उपलब्धता, शाळेतील शिक्षकांचे सहकार्य.

**प्रत्येक सत्रानुसार पूर्ण करावयाचे पाठसंख्या व एकूण गुण- १५०**

सत्र	पाठाचे प्रकार						एकूण
	सुट्टे पाठ	अध्यापन प्रतिमान पाठ	ज्ञानरचनावाद	आशययुक्त अ.पध्दती	सलग सराव	आय. सी. टी. चा वापर	
१	---	---	----	----	---	---	००
२	८	---	---	---	---	---	०८
३	---	---	---	४	८	४	१६
४	---	२	४	---	---	---	६
एकूण	८	२	४	४	८	४	३०

सुट्टे सराव पाठ आशययुक्त अध्यापनपध्दतीनुसार पाठ ,अध्यापन प्रतिमानेनुसार पाठ घेताना आय.सी.टी. व ज्ञानरचनावादाचा जास्तीजास्त उपयोग करावा.

## छात्रसेवाकाल स्वरूप,कार्यवाही व मूल्यमापन

**पाठसंख्या व पाठाचे प्रकार: ४० गुण.** या छात्रसेवाकालात ८ सराव पाठ घेणे .या सराव पाठांचे गुण सरावपाठांच्या १०० गुणांपैकी दिले जातील

१. शालेयस्तरावरील विषयाचे अध्यापन पध्दतीनुसार प्रत्येकी ४ याप्रमाणे दोन अध्यापनपध्दतीचे ८ पाठ घेणे.

**छात्रसेवाकाल उपक्रम:** : पुढीलपैकी सर्व उपक्रम या छात्रसेवाकालात राबवावेत. या उपक्रमाचे विद्यार्थ्यांची उपस्थिती, सहभाग, पूर्वनियोजन व तयारी, उत्स्फूर्तता, अहवाल लेखन,सादरीकरणास १५ पैकी गुण द्यावेत. (एकूण गुण :६०)

१. इ.५वी ते ९ वी पर्यंतच्या एका शालेय विषयाच्या मानव अधिकार/ मूल्यशिक्षणावर आधारित आशयाची निवड करून पाठनियोजन करावे. पाठनियोजन करताना आवश्यक पध्दती, तंत्र, क्लृप्त्या किंवा प्रतिमानाचा वापर करून प्रत्यक्ष पाठ घेवून कार्यवृतांत लिहावा. वृतांत लेखनात उद्दिष्टे, पूर्वतयारी, कार्यवाही, शैक्षणिक साधन निर्मिती व उपयोग, स्वतःस मिळवलेले प्रत्याभरण यांचा उल्लेख करावा. विद्यार्थी पाठ घेताना पर्यवेक्षण करावे
२. शारीरिक शिक्षणासाठी पुढीलपैकी किमान एका उपक्रमाची निवड छात्राध्यापकानी करावी. वैयक्तिक अथवा सांघिक खेळ, अथवा खेळाच्या स्पर्धा , योगशिक्षण/आरोग्यशिक्षणाशी संबंधित उपक्रम/ व्याख्यान/ प्रात्यक्षिक, सांघिककवायत/घुंगरूकाठी, डंबेल्स, इ. साधनाद्वारे कवायत यापैकी एका वर्गासाठी कवायत करावी. वरील उपक्रमाच्या अहवालमध्ये त्याची उद्दिष्टे कार्यवाही, साधनाचे संघटन, अंमलबजावणीत आलेले अडथळे व प्राप्त झालेली यशस्वीता या बाबत वृतांत लिहावा. मार्गदर्शकांनी विद्यार्थ्यांना उपक्रम घेण्यासाठी मार्गदर्शन करावे.
३. शाळेतील माजी विद्यार्थी संघटना / पालक संघ/ विद्यार्थी समिती याचा अभ्यास करणे व माहिती लेखन करणे.
४. आपल्या अध्यापन पध्दतीनुसार कोणत्याही एका विषयातील आशयांची निवड करा. आशयाला उपयुक्त शैक्षणिक साधन तयार करा. पाठ घेताना प्रत्यक्ष शैक्षणिक साहित्य वापरून झालेल्या परिणामावर स्वतःचे मत लिहा. शैक्षणिकसाधन निर्मितीचे उद्दिष्ट्ये, पूर्वतयारी, साहित्य निर्मितीसाठी येणारा खर्च, उपयोग, यामुद्दयाचा विचार करावा.

## Appendix B-02: Lesson Planning Workshop

सरावपाठ नियोजन कृतिसत्र व दिग्दर्शित पाठ

क्रेडिट -१

गुण-२५

कालावधी : ५० तास

**उद्दिष्टे :** छात्राध्यापकास . . . .

१. शैक्षणिक मूल्यमापन प्रक्रियेची माहिती देणे.
२. शैक्षणिक उद्दिष्टे व स्पष्टीकरणे तयार करण्यास मदत करणे.
३. पाठनियोजन करण्यास मदत करणे.

**योग्य कालखंड :** सूक्ष्म अध्यापनानंतरचा १ आठवडा

या सरावपाठ नियोजन कृतिसत्रआठवडयात शैक्षणिक मूल्यमापन, उद्दिष्टे व स्पष्टीकरणे, पाठ नियोजन यावर किमान पाच व्याख्याने आयोजित करावीत. यावेळीच पाठाचे निरीक्षण व मूल्यमापन कोणत्या मुद्द्यांनुसार होणार याची माहिती छात्राध्यापकांना द्यावी.

त्यानंतर प्रत्येक अध्यापन पध्दतीचा किमान एक याप्रमाणे दिग्दर्शन नमुना पाठाचे नियोजन करावे. छात्राध्यापकाने निवडलेल्या दोन अध्यापन पध्दती विषयासंबंधित शालेय विषयावर आधारित प्रत्येकी एक पाठटाचण गटामध्ये तयार करावे व त्यावर गटामध्ये चर्चा करावी.

मूल्यमापन : पाठटाचण १ —	५ गुण
पाठटाचण २ —	५ गुण
कृतिसत्र व गटचर्चेतील सहभाग —	५ गुण
अहवाललेखन —	१० गुण

**अहवाल लेखन :** अहवाललेखन प्रमुख्याने कृतिसत्रातील व्याख्यानातील तात्विक भाग, गटचर्चेतील काम, दोन पाठटाचणे व प्रशिक्षणार्थीची मनोगते यांचा अंतर्भाव असावा. प्रशिक्षणार्थी स्वतः स्वतंत्रपणे अहवाल लेखन करण्याबाबतच्या सूचना व प्रेरणा गटप्रमुख शिक्षक प्रशिक्षकांनी द्याव्यात.

### दिग्दर्शित पाठ

सरावपाठ नियोजन कृतिसत्रानंतर दिग्दर्शित पाठाचे नियोजन शालेय स्तरावरील विषयानुसार करावे. शिक्षक प्रशिक्षक अध्यापन पध्दतीच्या तासाला या दिग्दर्शित पाठासंदर्भात चर्चा करावी. सर्व छात्राध्यापकांना दोन्ही अध्यापन पध्दतीसंबंधित पाठाचे दिग्दर्शन पाहता येईल असे नियोजन करावे. सर्व दिग्दर्शित पाठ हे माध्यमिक शाळेतील विद्यार्थ्यांसमोर घ्यावयास हवेत. दिग्दर्शन पाठापूर्वी प्रत्येक पाठाचे टाचण किमान एक दिवस छात्राध्यापकांच्या निदर्शनास आणावे. विद्यार्थ्यांना ते लिहून घेण्यास सांगावे. पाठानंतर वर्गात चर्चा घडवून आणावी.

## Appendix B-03: Workshop on Teaching Aids शैक्षणिक साधन निर्मिती कार्यशाळा

क्रेडिट -१

गुण-२५

कालावधी :५० तास

उद्दिष्टे : छात्राध्यापकास---

१. विषय अध्यापनासाठी शैक्षणिक साधनांची गरज समजावून देणे.
२. निवडलेल्या विषयानुरूप शैक्षणिक साधन निर्मितीसाठी प्रेरणा निर्माण करणे.
३. अध्ययन अध्यापन प्रक्रियेत अद्ययावत शैक्षणिक साधनांचा उपयोग करण्यासाठी प्रवृत्त करणे.
४. शैक्षणिक साधन निर्मितीसाठी आवश्यक कौशल्ये विकसित करण्यास मदत करणे.
५. शैक्षणिक साधनांची अध्ययन अध्यापन कायातील गरज, महत्व, समजून घेण्यास मदत करणे.

### कार्यशाळेचे स्वरूप

शैक्षणिक साधननिर्मिती कार्यशाळेची सुरुवात ६ व्याख्याने होईल. अध्ययन अध्यापन प्रक्रियेत दृक-श्राव्य साधनांचे महत्व गरज यावर आधारित व्याख्यानाचे आयोजन करावे. शैक्षणिक साधन बनविणा-या तज्ज्ञ व्यक्तींचे मार्गदर्शन प्रात्यक्षिक कार्यासाठी ठेवावे. कार्यशाळेसाठी आवश्यक साहित्याचे नियोजन अगोदरच केलेले हवे. शैक्षणिक साधन निर्मितीसाठी शालेय विषयाची पाठ्यपुस्तके, कागद, रंग, फेव्हीकॉल, कात्री, थर्माकॉल, कार्डशीट, स्केचपेन इत्यादी साहित्य विद्यार्थी संख्येनुसारच हवे.

शैक्षणिक साधननिर्मिती कार्यशाळेतील तात्विक भागावरील व्याख्यानानंतरच गटवार प्रात्यक्षिक कामाचे नियोजन हवे. शक्यतो अध्यापन पद्धतीवर गट विभागणी करून प्रत्येक अध्यापकाने शालेय स्तरावरील निवडलेल्या दोन विषयाची दोन शैक्षणिक साधने तयार ठरावीत. शैक्षणिक साधने तयार करताना दृक-श्राव्य साधनांचे विविध प्रकारानुसार विविध प्रकारची साधने तयार करावीत. छात्राध्यापकांची विषय, इयत्ता, आशयानुरूप विविध साधने तयार करण्यासाठी प्रयत्न करावेत.

अहवालात तयार केलेल्या शैक्षणिक साधनांचा हेतू, महत्व व उपयुक्तता व तयार करण्याची प्रक्रिया थोडक्यात लिहावी.

### मूल्यमापन-

शैक्षणिक साधननिर्मिती कृतीसत्रातील छात्राध्यापकांचा सहभाग तसेच तयार केलेल्या दोन शैक्षणिक साधनांचा दर्जा ठरवून २५ गुणांपैकी मूल्यमापन करावे.

शैक्षणिक साधन-१-	१० गुण
शैक्षणिक साधन-२-	१० गुण
अहवाल	०५ गुण

## Appendix B-04: Educational Tour

### शैक्षणिक सहल

क्रेडिट -१

गुण-२५

कालावधी : ४० तास

उद्दिष्टे : छात्राध्यापकास....

१. शैक्षणिक सहलीच्या नियोजनाची सवय लावणे.
२. शैक्षणिक सहलीमध्ये सहभाग घेणे.
३. शैक्षणिक सहलीचा आनंदघेणे.
४. शैक्षणिक सहलीची यशस्वीता / अडचणींची नोंद घेण्याची सवय लावणे.
५. अहवाल लेखनाची सवय लावणे.
६. शैक्षणिक सहलीच्या सहाय्याने सर्जनशीलता विकसित करणे.

#### नियोजन:

महाविद्यालयातील एका शिक्षकास जबाबदारी देऊन शैक्षणिक सहलीचे नियोजन, आयोजन व कार्यवाही करण्यासंबंधी व्याख्यान द्यावेत. शैक्षणिक सहलीची तात्विक, सामाजिक माहिती, गरज, शैक्षणिक महत्त्व, आयोजनात येणा-या अडचणी व कार्यवाहीत येणा-या अडचणी संबंधीत विद्यार्थी शिक्षकामध्ये चर्चा करावी.

शैक्षणिक सहल वस्तुसंग्राहलय, ऐतिहासिक ठिकाणी व निसर्गाच्या सानिध्यात कमीतकमी एका दिवसाची असावी. शैक्षणिक सहलीतील स्थळाची आठवणी व प्रसंगाची नोंद करावी. प्रवास वर्णन लिहिण्यासाठी विद्यार्थीशिक्षकांना डायरी देण्यात यावी. विद्यार्थीशिक्षकांना अहवाल लिहिण्यास सांगावे. त्या अहवालाचे मूल्यमान महाविद्यालयातच करावे.

गुणदान:नियोजनासाठी ५ गुण, कार्यवाही सहभागासाठी १५ गुण, अहवाल लेखनासाठी ५ गुण

## Appendix B-05: (Creativity & Personality Development)

### सर्जनशीलता व व्यक्तिमत्व विकास

क्रेडिट -१

गुण-२५

कालावधी : ४० तास

उद्दिष्टे: छात्राध्यापकास

१. संप्रेषण कौशल्ये विकसित करण्यास मदत करणे.
२. दैनंदिन देशातील व आंतरराष्ट्रीय स्तरावरील घडामोडीवर व त्याचे मूल्यमापन करण्यास मदत करणे.
३. महाविद्यालयामध्ये होणा-या कार्यक्रमांचा अहवाल तयार करण्यास व त्याचे मूल्यमापन करण्यास मदत करणे.
४. स्वतःच्या गुणदर्शनास वाव देणे.
५. भिन्तीपत्रके, निबंध, काव्य, वक्तृत्व इ. कलांमध्ये भाग घेण्याची संधी उपलब्ध करून देणे.
६. सर्जनशीलतेवर आधारीत कार्यक्रम उपक्रम करण्यास मदत करणे.
७. अवांतर वाचन करण्यास व त्यावर चर्चा करण्यास मदत करणे.

कालावधी- प्रत्येक आठवड्यातील उपलब्धते नुसार एक तास.

प्रात्यक्षिकासाठी आवश्यक आधारप्रणाली: वृत्तपत्रे, मासिके, सांस्कृतिक कार्यक्रमासाठी लागणारे साहित्य इ.

प्रात्यक्षिकांचे नियोजन:

हे प्रात्यक्षिक वर्षभर सातत्याने चालू राहावे त्यासाठी वेळापत्रकात प्रत्येक शनिवारी एक तास (शक्यतो शेवटचा) ठेवावा. १२ ते १३ छात्राध्यापकांचा गट असावा आणि कार्यक्रम चक्राकार पध्दतीने आयोजित करावा. या प्रात्यक्षिकांमध्ये खालील बाबींचा समावेश असावा.

१. स्वतःची माहिती देणे, ओळख करून देणे.
२. फलक लेखन-परिपाठ यांचे नियोजन करणे.
३. आठवड्यातील महत्त्वाच्या घटनांची वृत्तपत्रातील कात्रणे आणून चर्चा करणे.
४. महाविद्यालयामध्ये होणा-या कार्यक्रमांचे नियोजन करणे, वृत्तांत लिहणे व कार्यक्रमाचे मूल्यमापन करणे.
५. महिन्यातून एकदा निबंध/वक्तृत्व/कविता लेखन व वाचन इ. स्पर्धांचे नियोजन करणे.
६. किमान २ पुस्तकांचे (क्रमिक पुस्तकांव्यतिरिक्त) वाचन करून चर्चा करणे.
७. सांस्कृतिक विविध गुणदर्शन कार्यक्रमाचे सादरीकरण करणे.

८. भितीपत्रके तयार करणे.
९. राष्ट्रीय सण व उत्सव साजरे करणे.
१०. विविध राष्ट्रीय नेत्यांच्या जयंत्या व पुण्यतिथी साजरी करणे.

यापैकी परिपाठ फलकलेखन, स्पर्धा व सांस्कृतिक विविध गुणदर्शन या कार्यक्रमाची जबाबदारी १२-१३ छात्राध्यापकांच्या एका गटास द्यावी.

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|--|---------|
| १. परिपाठ, स्पर्धा नियोजन/ सहभाग, महाविद्यालयातील कार्यक्रम नियोजन | -१० गुण |
| २. भितीपत्रक, पुस्तक वाचन व चर्चा                                  | -०५ गुण |
| ३. विविध गुणदर्शन (नियोजन व सादरीकरण)                              | -०५ गुण |
| ४. वर्षभरातील सहभागी कार्यक्रमाचे लेखन                             | -०५ गुण |

## Appendix B-06

### Viva Voce

क्रेडिट -२

गुण-५०

कालावधी : २० तास

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This practicum carries 50 marks, 02 credits. The viva-voce is to be conducted for evaluation of work and achievement (within the year /Sem –I & Sem - II) of every student, at the end of first year by a pair of examiners (one internal examiner and another external examiner) appointed by the university. The University /College should provide all students –teachers a list of practical’s to be completed, compiled and filed in an order before appearing for the viva voce. The teacher education institution should have mechanism to verify the enlisted practical /documents/reports and attendance records before a student-teacher appears for the viva voce.

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**B. Ed. Second Year: Semester III**  
**Curricular Area A - Perspectives in Education**

**Course BED-III-08: Knowledge and curriculum Part-I (1/2)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives of the course:** Student- Teachers will be able to,

- 1) Understand the Epistemological concept of knowledge, structure, sources of knowledge
  - 2) Understanding the Scientific methods & its characteristics
  - 3) Understand the Meaning, Concept, emerging knowledge base in education.
  - 4) Understand the different ways of knowing process, Construction of knowledge.
  - 5) Understand the different aspect of knowledge
  - 6) Understand the Concept and need of Curriculum Framework.
  - 7) Understand the Site of Curriculum Engagement.
- 

**Unit-I: Epistemological and Social Basis of Education**

- a) Concept of knowledge, structure of knowledge
- b) Sources of knowledge
- c) Ways of acquiring knowledge
- d) Scientific method & its characteristics

**Unit-II: Evolving Knowledge Base in Education**

- a) Emergence of knowledge base in education.
- b) Knowing Process: Different ways of knowing process, Construction of knowledge
- c) Role of knower in knowledge transmission & Constructions.
- d) Aspects of Knowledge: Different aspect of knowledge & Relationship such as, Local & Universal, Concrete & Abstract, Theoretical & Practical, contextual & Textual, School & Out of School

**Unit – III: Curriculum Framework**

- a) Concept and need of Curriculum Framework
- b) Differentiating Curriculum Framework, Curriculum and syllabus, their significance in school educations.
- c) Aspects of Curriculum as reflected in NPE 1986.
- d) Silent features and implications of NCF-2005 and NCFTE-2014.

**Unit- IV: The Site of Curriculum Engagement**

- a) Curriculum Preparation: Factors in the curriculum, Role of nation, State, Teachers and students in preparation the curriculum

- b) Process of Curriculum construction: Criteria for selecting knowledge and representing knowledge, organising fundamental concept, selection and organisation of learning situations.
- c) Available infrastructures, Curricular sites and resources: Library, Laboratory, Schools, Social media, websites, School Playground and neighbourhood etc
- d) The ways of assessing the curriculum

**Sessional work:**

**(Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students may undertake any one of the following activities and present the report **(05 Marks)**
  1. Write project on sources of knowledge related to any school subject.
  2. Compare the curriculum framework NCF2005 and NEP 1986 and write report on it.
  3. Preparation for teaching a topic of any school subject with the help of text book, reference book.
  4. Study of Impact of Curriculum Engagement on Education-Interview of the Teacher/Experts in Education Field.

**References: (The references are suggestive. Teachers are advocated to identify, use such other and online resources.)**

- 1) Alexander, W. M., & Saylor, J. G. (1966). *Curriculum Planning for modern schools*. New York: Holt, Rinhart and Winston Inc.
- 2) Candra, A. (1977). *Curriculum Development and Evaluation in education*. New Delhi: Sterling Publishers.
- 3) Darji, D. R., &Lulla, B. P. (1967). *Curriculum development in secondary schools of Baroda*. Baroda: Sadhana Press.
- 4) Erickson, H.L.(2007) concept based curriculum and instruction for the thinking classroom California; corwin press
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**B. Ed. Second Year, Semester III**  
**Course BED-III-09: Assessment for Learning**

Credits: 04

Periods: 60

Maximum Marks: 100

Internal Assessment Marks: 20

University Assessment Marks: 80

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**Objectives:** On completion of this course the student -teachers will be able to:

1. Understand the nature of assessment and evaluation and their role in teaching-learning process.
2. Understand the perspectives of different schools of learning on learning assessment.
3. Realize the need for school based and authentic assessment.
4. Examine the contextual roles of different forms of assessment in schools.
5. Understand the different dimensions of learning and the related assessment procedures, tools and techniques.
6. Develop assessment tasks and tools to assess learners performance
7. Analyze, manage, and interpret assessment data.
8. Analyze the reporting procedures of learners' performance in schools.
9. Develop indicators to assess learner's performance on different types of tasks.
10. Examine the issues and concerns of assessment and evaluation practices in schools.
11. Understand the policy perspectives on examinations and evaluation and their implementation practices.
12. Trace the technology based assessment practices and other trends at the international level.

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**UNIT I: Perspective of assessment and evaluation**

- a. Concept of Measurement Assessment and Evaluation.
- b. Types of Assessment.
- c. Steps of Assessment.
- d. Principles of Assessment and Evaluation.

**Unit II - Assessment of Learning**

- a) Assessment of cognitive learning.
- b) Assessment of affective learning.
- c) Assessment of performance.
- d) Use of different tools for assessment – Project, Portfolio assessment.

### **Unit III -Planning, Construction, Implementation and Reporting of Assessment**

- a) Planning of Assessment – objective and need.
- b) Procedure of assessment – Grading Procedure and Scoring Procedure.
- c) Implementation of assessment – Measures of Central Tendency (Mean, Median, Mode) and Measures of Variability and Types of Graphs.
- d) Concept and Need of Continuous and Comprehensive Evaluation

### **Unit IV - Issues, Concerns and Trends in Assessment and Evaluation**

- a) Existing practices - Constructivist approach of evaluation.
- b) Issues and problems, grading, credit system, choice based credit system.
- c) Impact of entrance test, Reforms in examination and evaluation.
- d) Trends in exam - Online examination, open book examination.

### **Sessional work: (Total 20 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(10 Marks)**
  - The students will undertake **any two** of the following practical and present the report **(10 Marks)**
1. Data processing and interpretation of an achievement test (School subjects - according to method).
  2. Preparation of assessment tool for - Upper primary, secondary or higher secondary level according to methods.
  3. School visits followed by evaluation practices (CCE, Open Book examination, Online) in schools (Interview of class teacher).
  4. Preparation of test paper on examination policy - Upper primary, secondary or higher secondary school.
  5. Graphical Presentation of Data of One Class related any Subject.
  6. Individual and Group Projects on Preparation of Question Paper for Use as Formative and Summative Assessment tool.

7. Developing the Portfolio of Student.

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1. Bloom, B., Englehart M D, Furst E J, Hill W Hand Khrathwohl, D R (1956, 1964) Taxonomy of Educational Objective Handbook 1, Cognitive Domain, Handbook 2, Affective Domain, Longman London
2. Bransford, J., Brown, A.L., & Cocking, R.R. (Eds.). (2000). How people learn: Brain, mind, experience, and school. Washington, DC: NationalAcademy Press.
3. Buch, M Band Santharam M R (1972) Communication in Classroom, CASE, Faculty of Ed. & Psy. M 5 Univ. Baroda
4. Burke, K. (2005). How to assess authentic learning (4<sup>th</sup> Ed.). Thousand Oaks, CA: Corwin.
5. Burke, K., Fogarty, R., &Belgrad, S (2002). The portfolio connection: Student work linked to standards (2<sup>nd</sup> Ed.) Thousand Oaks, CA: Corwin.
6. Carr, J.F., & Harris, D.E. (2001). Succeeding with standards: Linking curriculum, assessment, and action planning. Alexandria, VA: Association for Supervision and Curriculum Development.
7. Danielson, C. (2002). Enhancing student achievement: A framework for school improvement. Alexandria, VA: Association for Supervision and Curriculum Development. Gentile, J.R. & Lalley, J.P. (2003). Standards and mastery learning: Aligning teaching and assessment so all children can learn. Thousand Oaks, CA: Corwin.

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  ११. धामणे, विजय. शैक्षणिक मूल्यमापन.ईन्साईट पब्लिकेशन, नाशिक.
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## B. Ed. Second Year: Semester III

### CURRICULAR AREA B: PEDAGOGY COURSES

#### Course BED-III-10: Pedagogy of Marathi (Part – II)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### उद्दिष्टे:

१. प्रशिक्षणार्थीमध्ये मातृभाषा अध्यापनाच्यानियोजनाचीक्षमताविकसितकरणे.
२. मातृभाषेच्या अध्यापनात मूल्यमापन तंत्राचा यथोचित वापरकरण्यास मदतकरणे
३. मूल्यमापन पध्दती व प्रकार समजण्यास मदतकरणे.
४. मातृभाषा अभ्यासक्रम, पाठयक्रम, पाठयपुस्तक व आशय यांचा परस्पर संबंध समजण्यास मदत करणे.
५. मराठी भाषा पाठयपुस्तकाचेविविध प्रकारे आशय विश्लेषण करण्यास मदतकरणे.
६. मातृभाषा अध्यापनाची यथोचित साधने व अध्ययन अनुभूती समजण्यास मदतकरणे.
७. मातृभाषा वाङ्मय मंडळाची रचना व कार्य समजण्यास मदतकरणे.

#### घटक : १ अध्यापनाचेनियोजन

अ. वार्षिक नियोजन

ब. घटकनियोजन

क. दैनंदिन पाठनियोजन

ड. ज्ञानरचनावाद : संकल्पना, उद्दिष्टे, वैशिष्ट्ये, आणि मराठी अध्यापनातील उपयोजन

#### घटक : २ अध्यापनाचे मूल्यमापन

अ. मूल्यमापन संकल्पना व साकारिक आकारिक मूल्यमापन

ब. परीक्षांचे प्रकार, परीक्षांमधीलनवविचार प्रवाह : ऑनलाईन ओपन बुक, प्रश्नांचे प्रकार .

क. चाचण्यांचे प्रकार : संपादणूकचाचणी, घटकचाचणी, कृतीपत्रिका

ड. नैदानिककसोटी व उपचारात्मक अध्यापन : भाषिक कौशल्य –श्रवण, भाषण, वाचन, लेखन. क्षमता, त्रुटी

#### घटक : ३ अभ्यासक्रम, पाठयक्रम, पाठयपुस्तक व आशय

- अ. मराठी संरचना: स्वरूप व फायदे
- ब. अभ्यासक्रमाचा अर्थ स्वरूप व मूलतत्त्वे
- क. अभ्यासक्रम व पाठयक्रम यातील फरक व चांगल्या पाठयपुस्तकाचे निकष
- ड. आशय-संकल्पना व स्वरूप, आशय विश्लेषण

**घटक : ४ मातृभाषेच्या विविध अंगांचे अध्यापनवध्ययन अनुभूती**

- अ) अध्ययन अनुभव : प्रत्यक्ष - अप्रत्यक्ष , शाब्दिक - अशाब्दिक
- ब) अभ्यासनुवर्तीउपक्रम : १.लेखन २. वाचन ३. गायन ४. पाठांतर ५. वक्तृत्व ६.भाषिक खेळ, प्रश्न मंजुषा, शब्दकोडी, भेंडया ७. वाङ्मय मंडळ ९. वर्गवाचनालय १०. शब्दकोश ११. विश्वकोष १२. संदर्भ ग्रंथाचा उपयोग हस्तलिखित १४. नियतकालिक १५.वातम्या लेखन १६. शब्दांशी खेळूया, १७. जाहिरात लेखन
- क) व्याकरण: अध्यापन शास्त्रीय तोंडओळख- शब्दांच्या जाती, समास, अलंकार, वृत्ते, विभक्ती.
- ड) लेखन: अध्यापनशास्त्रीय तोंडओळख-पत्रलेखन, निबंध लेखन, सारांश, कल्पनाविस्तार, वृत्तांतलेखन.

**सत्रकार्य (गुण : १०)**

वर्गनिबंधासाठी दिलेले तीन प्रश्न शिक्षक प्रशिक्षकाकडून तपासून घ्यावेत. त्यापैकी कोणत्याही एक प्रश्न वर्गनिबंधासाठी परीक्षेच्या वातावरणात लिहून घ्यावा. (५ गुण)

खालीलपैकी कोणत्याही एका प्रात्यक्षिककार्याचा अहवाल सादरकरणे.(५ गुण)

१. माध्यमिक स्तरावरील एका पाठ्यपुस्तकाचे चिकित्सक परीक्षण करा.
२. मराठी भाषा अभिरूची संवर्धनासाठी उपक्रमांचे आयोजन करून वृत्तांत तयार करणे.
३. कृतीपत्रिका तयार करणे.
४. आय. सी. टी. च्या सहाय्याने एका सराव पाठाचे अध्यापन करून त्याचा अहवाल तयार करणे.
५. भाषा प्रयोगशाळेत एक प्रात्यक्षिक राबवून अहवाल तयार करणे.
६. ज्ञानरचनावादावर आधारित एक सराव पाठ टाचण तयार करून त्याचा अहवाल तयार करणे.
७. कोणत्याही एका इयत्तेसाठी नैदानिक चाचणीचा वापर करून त्यावर आधारित उपचारात्मक कार्यक्रमाचा अवलंब करून अहवाल तयार करणे.



### संदर्भग्रंथ :

१. अकोलकर ग. वि., पाटणकर बा. वि, (१९७०) मराठी अध्यापन, व्हीनिस प्रकाशन, पुणे.
२. बामणे विष्णू, बामणे लता, आशययुक्त अध्यापन पध्दती, नित्यनूतन प्रकाशन, पुणे.
३. बामणे लता, (२०१४), आशययुक्त अध्यापन पध्दती, फडके प्रकाशन, कोल्हापूर
५. करंदीकर सुरेश व मंगरूळकर मीना, (२०००) मराठी अध्यापन, फडके प्रकाशन, कोल्हापूर
६. कुंडले म. बा. , (१९८०), मराठी अध्यापन, पुणे
७. पाटणकर बा. वि., लिला पाटील, (१९७०), मराठी अध्यापन, व्हीनिस प्रकाशन, पुणे.
८. गवस राजन, (१९९५), मराठीचे आशययुक्त अध्यापन, पुणे.
९. पाटील लीला, (१९९८), मातृभाषेचे अध्यापन व मूल्यमापन, व्हीनिस प्रकाशन, पुणे
१०. आहरे मीना, (२००८), मातृभाषा मराठीचे आशययुक्त अध्यापन, नित्यनूतन प्रकाशन, पुणे
११. मुडेगांवकरगणेश, (२०१३), मूल्यमापनातील नवविचार प्रवाह, इनसाईट पब्लिकेशन, नाशिक
१२. बंडगर विलास, (२०१३), आशययुक्त अध्यापन पध्दती, प्रारूप पब्लिकेशन, कोल्हापूर
१३. बामणे लता, किडगांवकर विठ्ठल, (२०१७), भाषा अध्यापन शास्त्र, सुविचार प्रकाशन, पुणे

### Websites:

8. [Teacher.net//lessonplan/subject/language](http://Teacher.net//lessonplan/subject/language)
9. [www.mymarathi.com](http://www.mymarathi.com)
10. <http://www.teachersvision.com/teaching>
11. [www.csun.edu](http://www.csun.edu)
12. other related weblibliography of language teaching

**B. Ed. Second Year: Semester III**  
**CURRICULAR AREA B: PEDAGOGY COURSES**  
**Course BED-III-10: Pedagogy of Hindi (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**उद्देश्य : छात्रअध्यापको को / में....**

१. भावी शिक्षकों में भाषा सौंदर्य के विकास में सहायता करना।
२. हिंदी अध्यापन का नियोजन तथा मूल्यांकन करने में सक्षम बनाना
३. हिंदी भाषा की संरचना समझ लेने में मदद करना।
४. भावी शिक्षकों को हिंदी अध्यापन में सहायक सामग्री एवं भाषिक प्रवाह समझने में मदद करना।
५. हिंदी भाषा शिक्षक में विशेष गुणों का विकास करना।
६. हिंदी भाषा शिक्षक को निदानात्मक एवं उपचारात्मक शिक्षा का विकास करना।

**प्रथम इकाई – हिंदी अध्यापन का नियोजन एवं मूल्यांकन**

१. भाषा का लहजा, शैली एवं बलाघात का स्वरूप तथा महत्व बोली और भाषा में अंतर इ.
२. हिंदी भाषा अध्यापन का नियोजन (वार्षिक नियोजन, घटक नियोजन, पाठ नियोजन)
३. मूल्यांकन प्रणाली का स्वरूप तथा महत्व (प्रश्न प्रकार, घटक कसौटी, निरंतर एवं सर्वकष मूल्यांकन)
४. वर्तमान युग में अनुवाद का महत्व एवं समाज के विभिन्न क्षेत्रों में उपयोगिता।

**द्वितीय इकाई - भाषा शिक्षा के लिए सहायक सामग्री**

१. व्याकरण एवं रचना अध्यापन - महत्व, उद्देश्य, प्रकार, पद्धतियाँ।
२. हिंदी भाषा मंडल/परिषद - स्वरूप महत्व एवं उपयोग, भाषा प्रयोगशाला आदि
३. भाषिक खेल - भाषा मंडल, हिंदी दिवस मनाना, भिक्तीपत्रक।
४. शब्दकोश – एवं संदर्भ ग्रंथोंका महत्व।

**तृतीय इकाई - आशय विश्लेषण**

१. भाषा संरचना प्रकार तथा लाभ
२. पाठ्यचर्या एवं पाठ्यक्रम निर्माण के तत्व तथा विश्लेषण।
३. पाठ्यपुस्तक – शिक्षक का मित्र महत्व, विशेषताएँ एवं आंतरिक एवं बाह्य गुण।
४. भाषा एवं मूल्य शिक्षा, भाषा शिक्षामें जीवन कौशल्य की भूमिका।

**चतुर्थ इकाई – हिंदी भाषा शिक्षक**

१. हिंदी भाषा शिक्षक की योग्यता एवम महत्व.
२. भाषा ज्ञान: हिंदी भाषा का भक्तिकाल (सुरदास, तुलसी कबीर) हिंदी भाषा के प्रतिनिधिक आधुनिक साहित्यिक (प्रेमचंद-उपन्यास, कहानी, कथा साहित्य, भूमिल, गोविंद मिश्र, मृदुला गर्ग, कृष्णा सोबती), हिंदी भाषा के छायावादी साहित्यिक (पंत, प्रसाद, निराला, हरवंशराय बच्चन, महादेवी वर्मा), हिंदी साहित्य के संक्षिप्त परिचय-प्रगतीवाद, प्रयोगवाद, आंबेडकरी साहित्य ।
३. हिंदी अध्यापको का व्यावसायिक विकास
४. हिंदी शिक्षक के गुण, हिंदी भाषा के प्रचार प्रसार में शिक्षक की भूमिका

**परियोजन (सत्र)कार्य:- (किसी दो विषयपर)**

**(५ मार्क्स )**

१. किसी एक घटक पर आधारित घटक कसौटी तैयार करें ।
२. हिंदी भाषा मंडल के किन्हीं दो उपक्रमों का इतिवृत्त तैयार करें ।
३. किसी भी एक हिंदी साहित्यकार की दो रचनाओंपर आलोचनात्मक लेख लिखें ।
४. माध्यमिक या उच्च माध्यमिक स्तर की किसी एक कक्षाके की पाठ्यपुस्तक का मूल्यों एवं जीवन कौशल के आधारपर विश्लेषण करें ।

प्रपाठ के लिए दिए जानेवाले तीन प्रश्नोंमें से एक प्रश्न लिखना अनिवार्य है ।

**(५ मार्क्स )**

**संदर्भ ग्रंथ सूची:**

१. खन्ना ज्योति (२००९), हिंदी शिक्षण, धनपतराय एण्ड कंपनी, दिल्ली
२. शर्मा डी. के. (१९९९), हिंदी शिक्षण विधियाँ, टण्डन पब्लिकेशन, लुधियाना
३. भाटिया के. के. और नारंग सी. एल. (१९८९) आधुनिक हिंदी विधियाँ, प्रकाश ब्रदर्स पब्लिकेशन, लुधियाना
४. प्रसाद केशव, (१९७६) हिंदी भाषा शिक्षण, धनपतराय एण्ड कंपनी दिल्ली
५. पठाण बी. बी. (२००८) हिंदी भाषा शिक्षण नित्यनूतन प्रकाशन, पूना
६. जीत, योगेद्र भाई (१९७२), हिंदी शिक्षण, विनोद पुस्तक मंदिर, आगरा
७. क्षत्रिय के (१९६८), मातृभाषा शिक्षण, विनोद पुस्तक मंदिर, आगरा
८. सूक्ष्म विजय (१९९७), हिंदी शिक्षण विधियाँ टण्डन पब्लिकेशन, लुधियाना
९. दुनाखे अरविंद, दुनाखे अंशुमती, (२००७), द्वितीय भाषा: आशययुक्त अध्यापन, नित्यनूतन प्रकाशन, पूना
१०. केनी एस. आर., ह. कृ. कुलकर्णी (१९९२), हिंदी अध्यापन पध्दती
११. वास्कर आनंद, वास्कर पुष्पा (२००९) हिंदी आशययुक्त अध्यापन पध्दती, मेहता प्रकाशन, पूना
१२. वास्कर आनंद, वास्कर पुष्पा (२००२) शिक्षक प्रशिक्षण और हिंदी अध्यापन, मेहता प्रकाशन, पूना
१३. वास्कर आनंद, वास्कर पुष्पा (२००९) हिंदी आशययुक्त अध्यापन पध्दती, मेहता प्रकाशन, पूना
१४. वास्कर आनंद, वास्कर पुष्पा (२००२) शिक्षक प्रशिक्षण और हिंदी अध्यापन, मेहता प्रकाशन, पूना

Website :

1. हिंदी एक समृद्ध भाषा - Hindi webdunia.com/hindi/10809120046
  2. हिंदी भाषा का महत्व -  
<http://rajdpkz.wordpress.com/tag/hindi/basha> ka maharashtra
  3. Teaching Hindi –[www.youtube.com/watch?2hxvidfkk](http://www.youtube.com/watch?2hxvidfkk)
  4. Hindi web Search
  5. www. Hindi.com.in
  6. <http://hif.wikipedia.org/wiki/hindi> (Hindi Bhasha)
  7. <http://www.avashy.com/hindi> bhasha
  8. [http:// hindi.webdunia.com/Hhindi-eassy](http://hindi.webdunia.com/Hhindi-eassy)
  9. [www.genextstudents.com/Hindi](http://www.genextstudents.com/Hindi) (Learn Hindi)
-

**B.Ed. Second Year: Semester III**  
**CURRICULAR AREA B: PEDAGOGY COURSES**  
**Course BED-III-10: Pedagogy of English (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Course Objective: This course aims at enabling student teacher to**

1. Plan the annual plan, unit plan and different lesson plans.
2. Evaluate the outcome of teaching learning process.
3. Construct the unit test and diagnostic test.
4. Develop the sense of continuous comprehensive evaluation.
5. Be acquainted with the qualities, innovative practices , action research and role of English teacher in and outside of the classroom programmes.
6. Develop adequate skills in teaching of English
7. Understand conceptual knowledge of vowels, consonants, diphthongs and clusters.
8. Use proper pronunciation, stress and intonation fluently.

**Unit -1 Planning for learning and teaching subject of English.**

- a) Annual plan- Need, principles, significance and various aspects.
- b) Unit Plan- Need, aspects and significance.
- c) Lesson Plan-Prose Lesson Plan, Poetry Lesson Plan, Composition Lesson and Grammar Lesson Plan.

**Unit -2 Assessment of learning in the subject English**

- a) Concept of Evaluation
- b) Construction of Unit test and diagnostic test
- c) Concept of content cum methodology. Analysis of text book.
- d) Continuous and Comprehensive Evaluation (CCE ) in English.

**Unit-3 Professional development of English Teacher.**

- a) Essential qualities of English Teacher
- b) Awareness of innovative practices and action research of English

- c) Role of English teacher in the class room and outside of the classroom programmes.
- d) English Teacher organization

**Unit -4 Concept knowledge in the subject of English.**

- a) Vowels, Consonants, Diphthongs and Clusters.
- b) Pronunciation
- c) Stress and intonation.
- d) Figures of speech.

**Sessional Work:**

**(Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**

The students may undertake any One of the following activities and present the report. **(5 Marks)**

- 1) Prepare one unit test or diagnostic test and conduct that test in the classroom and analysis the result of student's score.
- 2) Prepare te report of first semester examination of any standard in school.
- 3) Conduct action research related to English subject and find out weak points of student's learning in the classroom.
- 4) Conduct the classroom activity of writing dialogues on given situations.

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  - 29.** Nitya Nand Sharma – Teaching of English (2010) Sahityagar Dhamani Street , Choura Rasta , Jaipur
  - 30.** Kamlesh sadanand and Susheela Punith Spoken English a foundation course (2008) Orient Longman Private Ltd. Hyderabad-500029
  - 31.** V. Sasikumar and P.V. Dhamija – Spoken English a self learning guide to conversation practice (2008) (Part-I , IV) Tata Mcgraw – Hill Publishing Company Ltd. New Delhi.
  - 32.** Diana Hopkins with Pauline Cullen Cambridge Grammar for IELTS with answers (2007) Cambridge University Press.
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**B. Ed. Second Year: Semester III**  
**CURRICULAR AREA B: PEDAGOGY COURSES**  
**Course BED-III-10: Pedagogy of Urdu (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objective: To enable the student teacher to**

1. Get acquainted with procedures of year, unit and lesson planning.
2. Prepare plans by applying knowledge of planning.
3. To get feedback through using various evaluation tools.
4. Develop the skill of preparing lesson plan by using constrivist technique.
5. Prepare achievement test and diagnostic test administration of the test analysis of result and make suggestion for remedial teaching
6. Develop knowledge about basic principles acquainted construction of curriculum.
7. Critically evaluate the existing school syllabus review the textbook of Urdu.
8. Understand the multi role of teacher in the present context.
9. Acquainted with qualities & professional growth of Urdu teacher & help them in acquiring the same.
10. Acquire the knowledge of composition

**Unit – I Planning for learning and teaching of subject Urdu**

- a) Year plan.
- b) Unit plan.
- c) Planning of unit test.
- d) Lesson Plan, Types of lesson plan.

**Unit – II Assessment of learning in the subject Urdu**

- a) Concept of Evaluation and C.C.E. (Continuous competence evaluation)
- b) C.C.E. tools for assessment of learning in Urdu
- c) Construction of test item – types of question, essay type, short answer objective type.
- d) Construction of unit test, design and blue print, answer key, making scheme and item analysis, diagnostic test and remedial teaching .

### **Unit III – Curriculum Reforms in school**

- a) Structure of Urdu.
- b) Curriculum: concept and importance, curriculum framework of Urdu at school level according to NCF 2005 and SCF 2010.
- c) Syllabus – concept and principles, correlation of curriculum and syllabus at school level.
- d) Criteria of good text book and text book analysis.

### **Unit – IV Professional development of Urdu teacher and Research in the subject**

- a) Qualities, responsibilities, role of ideal Urdu teacher, contributing of different organization in professional development.
- b) Importance and activities of Urdu Teacher Association, Urdu Student Association, various Urdu Academics, Institutes, and Urdu University.
- c) Types of in-service programme for Urdu teachers; Journals and other resource materials in Urdu education, Professional growth - participation in conferences/seminars/workshops.

#### **Sessional Work:**

**(Total 10 Marks)**

1. The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
2. The students may undertake any One of the following activities and present the report. **(5 Marks)**
  - i. Collections of newspaper cutting related to Urdu issues and present the report.
  - ii. Critical analysis of any one text book for IX to XII
- iii. Review of research articles from journals on Urdu education related to teaching and learning Urdu.

#### **Reference Books :**

- 1) Moinuddin, (1997), Urdu Zuban ki Tarbeat
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- 5) Mushtaque, Ahmed Shah “Urdu Tadrees” 2009, Amravati, AshharPublishers.

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  - 7) Salim, Abdullah “Urdu Kaise Padhaen” 2007, Aligardh Education Book House.
  - 8) Khan, Md. Sharif “Taleem Aur Uske Usul” 2005, Aligardh, Education Book House.
  - 9) Moinuddin, “Hum Urdu Kaise Padhaen” 2004, New Delhi, Maktab Jamia, Limited.
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  - 11) Salamat Ullah “Hum Kaise Padhaen” 2002, New Delhi Maktab Jamia, Limited.
  - 12) Jameel Jalbi “Tarikh-e-Adab Urdu” 2001 Delhi Educational Publishing House.
  - 13) Noorul Hasan Naqvi “Tarikhe Urdu Adab” 2001 Aligardh, Education Book House.
  - 14) Afzal Hussain “Fun-e-Talim-o-Tarbiyat” 1999, New Delhi Markazi Maktabe Islami Publisher.
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**B. Ed. SecondYear: Semester III**

**CURRICULAR AREA B: PEDAGOGY COURSES**

**Course BED-III-10: Pedagogy of Mathematics (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives -To enable student-teacher to...**

1. Develop the necessary skill regarding planning of teaching of Mathematics at Macro-level and micro level.
2. Understand evaluation techniques in evaluating student's performance in Mathematics..
3. Construct appropriate assessment tools for evaluating Mathematics learning.
4. Analyze and evaluate the curriculum, syllabus, text-books and content of Mathematics.
5. Be acquainted with qualities and professional growth of teacher of Mathematics and help them in acquiring the same.
6. Be acquainted with teaching of various concepts in Geometry and Statistics.

**Unit I - Planning for Learning and Teaching Mathematics**

- a) Need, importance & various aspects of Year Plan.
- b) Need, importance & various aspects of Unit plan
- c) Steps of construction of Unit Test.
- d) Types of lesson plan-Stray, Revision, Review.

**Unit II - Assessment for Learning in the subject of Mathematics**

- a) Types of Assesment in Mathematics: CCE, Formative, Summative
- b) Types of examinations in Mathematics - Written, oral, practical.
- c) Types of tests - Diagnostic, achievement, criterion reference & norm reference test.
- d) Assening product V/s process, Knowing V/s doing.

**Unit III - Curriculum Reforms in School Mathematics.**

- a) Structure of Mathematics-Meaning, Importance
- b) Curriculum: Meaning, Principles of curriculum design.
- c) Relation between curriculum and syllabus, construction of syllabi in Mathematics
- d) Criteria of good textbook of mathematics, critical study of Mathematics text books of Std. VIII and Std. IX. Content analysis of Various topics in Mathematics.

**Unit IV –Mathematics Teacher and Teaching of various concepts in Geometry and Statistics.**

- a) Characteristics of Mathematics teacher, Mathematics Teacher Organization-concept, role, need and significance.
- b) Types of in-service programmes for Mathematics teachers; Professional growth of Maths Teacher-Participation in conferences/seminars/workshops
- c) **Teaching of Geometry:** Basic concepts in geometry, three stages of teaching geometry, Teaching of mathematical theorem based on Polygons and Circles, Congruency and similarity of triangles, Axioms of Euclidian Geometry, Co-ordinate Geometry, geometrical construction, Trigonometry.
- d) **Teaching of Statistics:** Tabulation and Graphical representation of Data, Measures of Central Tendency and Variability.

**Sessional work:** (Total 10 Marks)

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students may undertake any one of the following activities and present the report **(5 Marks)**
  1. Development of a learning aid on a topic in mathematics and the procedure for using it.
  2. An appraisal of in-service programme for mathematics teachers organized by some nodal institutions in the area/region.
  3. Writing report of participation in conferences/seminars/workshops in Mathematics.
  4. Preparation of set of examples / set of questions/ question bank on a topic of Mathematics.
  5. Construction of a unit test/ a diagnostic test /an achievement test in Mathematics.

6. Planning and implementation of diagnostic test & remedial instruction.
7. Organize one lesson on school with use of ICT and prepare the report.
8. Critical analysis of any text book of Mathematics from Std. VIII to X / Vedic Mathematics book.
9. Construction of appropriate test items to assess outcomes of learning mathematics

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- ५) गुर्जर ल. मा. (१९९७) '**कथा गणिताची**' मनोविकास प्रकाशन, पुणे.
- ६) गोडबोले अच्युत, 'ठाकूरदेसाई माधवी' '**गणिती**', राजहंस प्रकाशन, पुणे.
- ७) जगताप ह. ना, भिंताडे विनायक, आणि बोदार्डे कैलास (१९९३), **आशययुक्त अध्यापन पध्दती**, आशय प्रकाशन, सोलापूर.
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Websites:

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  2. <http:// www.counton.org>
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  5. [http:// www.algebrahelp.com/index.jsp](http:// <u>www.algebrahelp.com/index.jsp</u>)
  6. [http:// www.easymaths.org](http:// <u>www.easymaths.org</u>)
  7. [http:// www.mathcats.com](http:// <u>www.mathcats.com</u>)
  8. [http:// www.mathleague.com](http:// <u>www.mathleague.com</u>)
  9. <http://www.mathopenref.com>
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**B. Ed. Second Year: Semester III**  
**CURRICULAR AREA B: PEDAGOGY COURSES**

**Course BED-III-11: Pedagogy of Science (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives -To enable student-teacher to...**

1. Develop the necessary skill regarding planning of teaching of Science at Macro-level and micro level.
2. Understand evaluation techniques in evaluating student's performance in Science..
3. Construct appropriate assessment tools for evaluating Science learning.
4. Analyze and evaluate the curriculum, syllabus, text-books and content of Science.
5. Understand the nature, characteristics, structure, importance and place of Sciences in the school curriculum.
6. Be acquainted with qualities and professional growth of teacher of Science and help them in acquiring the same.
7. Be acquainted with teaching of various concepts in Science.

**Unit I - Planning for Learning and Teaching Subject**

- a) Year plan.
- b) Unit plan.
- c) Planning of unit test.
- d) Lesson Plan, Types of lesson plan: Constructivist, CCM, Block Teaching, ICT.

**Unit II - Assessment of Learning in the subject Science**

- a) Concept of assessment.
- b) Types of examinations in Science - Written, oral, practical.
- c) Types of tests - Diagnostic, achievement, criterion reference & norm reference test.
- d) Formal Ways of Evaluation: Continuous and comprehensive evaluation in Science Assessing formative and Summative Evaluation.

**Unit III - Curriculum Reforms in School Science.**

- a) Structure of Science



- b) Curriculum: Meaning, Objectives of curriculum, principles for designing curriculum, designing curriculum at different stages of schooling
- c) Relation between curriculum and syllabus. construction of syllabi in various disciplines of Science
- d) Criteria of good textbook, critical study of Science books of secondary level.  
Content analysis: Pedagogical analysis of various topics in Science.

**Unit IV - Professional Development of Science Teacher and Teaching of Process in Science:**

- a) Characteristics of Science teacher, Science Teacher Organization- Concept, Role, need and significance.
- b) Types of in-service programme for Science teachers; Journals and other resource materials in science education, Professional growth.
- c) **Teaching of Various aspects** :Magnetism, sound, laws of motion, periodic table, types of chemical reaction,
- d) **Teaching of Various aspects**: Classification of plants and animal, photosynthesis, human body, health and hygiene, natural cycles.

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**Sessional work:**

**(Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students may undertake any one of the following activities and present the report **(5 Marks)**
  - 1) Project on Scientific method and its application in Science.
  - 2) Construction of a unit test, a diagnostic test and an achievement test in Science Planning and implementation of remedial instructional strategies based on an analysis of students' responses to questions in a test.
  - 3) Organize one lesson on school of models of teaching and video recording the experiences.
  - 4) An appraisal of in-service programme for Science teachers organized by some nodal institutions in the area/region.

- 5) Writing report of participation in conferences/seminars/workshops in Science
- 6) Organize one lesson on school with use of ICT and prepare the report.
- 7) Critical analysis of any text book of Science from Std. VIII to X.
- 8) Construction of appropriate test items to assess outcomes of learning Science.

### **Suggested Readings and References:**

- 1) Das. R. C. (1985), Science Teaching in School, Sterling Publishers Pvt. Ltd., New Delhi.
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- 5) Siddiqui N. N. and Siddiqui M. N. (1994), Teaching of Science today tomorrow, Doaba House, Nai Sarak Delhi
- 6) Sood J. K. (1987), Teaching of life science, Kohli Publishers Chandigarh.
- 7) Vaidya N. (1997), The impact of Science teaching oxford & IBH Publication Co. New Delhi
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- 11) National Council of Educational Research and Training. (1982), Teaching of Science in Secondary School, NCERT New Delhi
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  - डी. एस. रावत, विज्ञान शिक्षण, विनोद पुस्तक मंदिर, आग्रा-२
  - सोहनी जी. पी. (१९८६), शास्त्र कसे शिकवावे, निलकंठ प्रकाशन, पुणे
  - दाने हेमंत विज्ञान अध्यापन पध्दती, पिपळापुरे अॅन्ड कंपनी, नागपूर
  - मुळावकर संतोष, मुळावकर कल्पना, विज्ञान अध्यापन पध्दती, खंड १ ते ७ विद्या प्रकाशन, नागपूर

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  - 2) [http: //www.science project.com](http://www.scienceproject.com)
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  - 4) [Science made simple.com](http://Science-made-simple.com)
  - 5) Teaching-techniques for science-teacher ([www.csun.edu.](http://www.csun.edu))
  - 6) [Teacher. net. // lesson plane/subject/science](http://Teacher.net/lesson-plane/subject/science)
  - 7) [http : //www.teachersvision.com / teaching](http://www.teachersvision.com/teaching)
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## **B. Ed. Second Year: Semester III**

### **CURRICULAR AREA B: PEDAGOGY COURSES**

#### **Course BED-III-11: Pedagogy of History (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objectives -To enable student-teacher to...**

1. Develop the necessary skill regarding planning of teaching of History at Macro-level and micro level.
2. Understand evaluation techniques in evaluating student's performance in History.
3. Construct appropriate assessment tools for evaluating History learning.
4. Analyze and evaluate the curriculum, syllabus, text-books and content of History.
5. Appreciate the importance of History Room in learning History
6. Be acquainted with qualities and professional growth of teacher of History and help them in acquiring the same.
7. Understand the nature, characteristics, structure, importance and place of History in the school curriculum.
8. Be acquainted with teaching of various concepts in History and Civics.

#### **Unit I - Planning for Learning and Teaching of the Subject**

- a) Year plan.
- b) Unit plan.
- c) Planning of unit test.
- d) Lesson Plan, Types of lesson plan.

#### **Unit II - Assessment of Learning in the subject of History**

- a) Concept of assessment.
- b) **Types of examinations in History**- Written, oral, practical.
- c) **Types of tests** – Achievement, Diagnostic & remedial Teaching, criterion reference & norm reference test.

- d) **Formal Ways of Evaluation:**Continuous and comprehensive evaluation in History, Formative and Summative Assessment

### **Unit III - Curriculum Reforms in History & Civics at school level.**

- a) Concept of Content cum Methodology (CCM), Hierarchy & Structure of History & Civics.
- b) Curriculum: Meaning, Objectives of curriculum, principles for designing curriculum, designing curriculum at different stages of schooling.
- c) Relation between curriculum and syllabus, construction of syllabi in various disciplines of History and Civic, analysis of syllabus of history at secondary level.
- d) Criteria of good textbook, critical study of History books of Std. VIII and Std. IX. Content analysis.

### **Unit IV - Professional Development of History Teacher and Teaching of various aspects in History and Civics**

- a) Qualifications and qualities of History teacher, role of History teacher in developing interest towards history among the students.
- b) History teacher organization: Concept, Role, Need and Significance. Types of in-service programme for History teachers; Journals and other resource materials in History education, Professional growth- participation in conferences / seminars / workshops
- c) **History:** India: Events after 1960, International Problems, United Nations Organization (UNO)
  - d) **Civics:** Preamble of Indian Constitution, Directive Principles of Indian Constitution, Indian Democracy, election process, International Cooperation, Development of Human Rights.

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#### **Sessional work:**

**(Total 10 Marks)**

- The student will have to write 3 tutorial Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**

- The students may undertake any Oneof the following activities and present the report

(5 Marks)

- 1) Construction of a unit test, a diagnostic test and an achievement test in History  
Planning and implementation of remedial instructional strategies based on an analysis of students' responses to questions in a test
- 2) Critical analysis of any text book of History from Std. VIII to X.
- 3) Construction of appropriate test items to assess outcomes of learning History.
- 4) Review of research articles from journals on History education related to teaching and learning of History.
- 5) An appraisal of in-service programme for Historyteachers organized by some Modal institutions in the area/region.

### References Books –PAPER- VII- HISTORY METHODOLOGY

1. Agrawal J.C., Teaching of History – A Practical Approach, New Delhi : Vikas Publishing House Pvt. Ltd.
2. Arora A.K., Teaching of History.
3. Kochar S.K., Teaching of History, New Delhi : Sterling Publishers.
4. Ghate V. D. (1954) Teaching of History O.U.P Mumbai
5. Ballord. M. (1979), New Movement In Study Teaching History, temple smith, London
6. Koccher S. K., (1966), Teaching of History Sterling Publishers P.v.t. Ltd.
7. NCERT, (1970), Teaching History in secondary school publication, Delhi
8. Singh, D. R. (1959), The Teaching of History Civics, Jullundar University
9. Vajeswari, R.(1973), Hand book of History teacher, Allied Publication, Mumbai
10. NCERT and State text book of History at secondary level
११. करंदीकर सुरेश, २००७, इतिहास अध्यापन पध्दती, फडके प्रकाशपन, पुणे.
१२. दुनाखे अरविंद, २०००, इतिहासाचे अध्यापन, नूतन प्रकाशन, पुणे.
१३. तिवारी एस. एम. १९९९, इतिहास अध्यापन पध्दती, नूतन प्रकाशन पुणे.
१४. ओडेयार, सुशिला १९९४, आशययुक्त अध्यापन पध्दती, इतिहास, मेहता पब्लिकेशन, पुणे.
१५. वाजे एस. आर., २००२, इतिहासाचे अध्यापनशास्त्रीय विश्लेषण, आदित्य प्रकाशन, नाशिक.
१६. शिवाजी विद्यापीठ, कोल्हापूर १९९५, इतिहास अध्यापन पध्दती, शिवाजी विद्यापीठ, कोल्हापूर .
१७. शिंदे ज्ञानदेव आणि टोपकर रेखा, २००९, इतिहासाचे आशययुक्त अध्यापन, नित्यनूतन प्रकाशन पुणे.

### Periodicals / Journals:

इतिहास शिक्षक हस्तपुस्तिका इयत्ता ५वी ते १०वी

इतिहास शिक्षक इतिहास महामंडळ महाराष्ट्र त्रैमासिक

Educational Studies in History

International Journal of History Education

Journal of History

**Websites:**

- 1) [www.preservearticle.com /2612041630468/what is demonstration](http://www.preservearticle.com/2612041630468/what-is-demonstration)
  - 2) <http://www.historyproject.com>
  - 3) [www.historyprojectideas.com](http://www.historyprojectideas.com)
  - 4) Teaching-techniques for history-teacher ([www.csun.edu](http://www.csun.edu).)
  - 5) Teacher. net. // lesson plane/subject/history
  - 6) [http://www.teachersvision.com / teaching](http://www.teachersvision.com/teaching)
-

**B. Ed. Second Year: Semester III**  
**CURRICULAR AREA B: PEDAGOGY COURSES**  
**Course BED-III-11: Pedagogy of Geography (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives -To enable student-teacher to...**

- 1) Develop & understand the necessary skill, types regarding planning of teaching of Georphy at Macro-level and micro level.
- 2) Understand concept, techniques in evaluating student's performance in Geography.
- 3) Construct appropriate assessment tools for evaluating Geography learning.
- 4) Understand the concept of content cum methodology & acquainte the knowledge about preparation of subject structure & text book, unitanalysis .
- 5) Be acquainted with qualities, professional growth & role of Geography teacher in the present context.
- 6) Develop adequate skills in teaching Geography.
- 7) Be acquainted with teaching of various concepts in Geography.

**Unit I - Planning for Learning and Teaching Subject**

- e) Year plan –need, importance & various aspects.
- f) Unit plan- need, importance & various aspects.
- g) Planning of unit test.
- h) Lesson Plan, Types of lesson plan.

**Unit II - Assessment of Learning in the subject of Geography**

- a) Concept of Assessment.
- b) Types of examinations in Geography - Written, oral, practical.
- c) Construction of Test item-objective type questions, short and essay type questions, map drawing and reading skill.



- d) Role of diagnostic test and remedial teaching of Geography.

### **Unit III - Curriculum Reforms in School Geography**

- a) Concept of Content-Cum Methodology (CCM).
- b) Structure of Geography and analysis of curriculum, syllabus. Analysis of text book and one unit by CCM.
- c) Action research –Concept, Steps & Proposal of action research.
- d) Criteria of good textbook & critical study of Std. VIII and Std. IX Geography text books

### **Unit IV –Professional Development of Geography Teacher and Teaching of various concepts in Geography.**

- a) Essential qualities of Geography teacher, Role of Geography Teacher Organization for the professional growth of Geography teachers.
- b) Types of in-service programmes for professional growth of Geography teachers - like conferences, seminars, workshops, use of Journals, Internet.
- c) **Teaching of various concepts**
  - 1. Factors affecting on rock exfoliation
  - 2. Erosion by wind
  - 3. Use of Contour line
- d) Field study, map reading.

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#### **Sessional work:**

**(Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students may undertake any one of the following activities and present the report **(5 Marks)**
  - a) Preparation of a report of different activities of Geography club
  - b) Collection of newspaper cuttings related to Geographical issues and its report.
  - c) Preparation of a report on visit to some place of Geographical interest.

- d) Critical analysis of one text book of 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> standard.
- e) Interview of a senior Geography teacher of a school.
- f) Teaching of one unit of Geography – filling of an outline map by students and its report.

**1. List of Recommended Book**

2. Agarwal, D.D. (2000), Modern Method of Teaching Geography, Sarup & Sons Publisher, New Delhi.
3. Singh R. P. (2004), Teaching of Geography, R. Lall Book Depot., Meerut.
4. UNESCO (1965), Source Book of Teaching Geography, Thomson Press, New Delhi.
5. Gujjar R. D. (2001), A Handbook for Geography Teachers, ABD Publishers, Jaipur.
6. Association of Assistant Masters (1974), The teaching of Geography in school, her majesty stationary office London.
7. Britain Department of Education and science (1972), “New thinking in School Geography”, her majesty stationary office London.
8. Britain Ministry of Education (1960), Geography and Education, her majesty stationary office London.
9. Faizgrive (U.L.P.) : Geography in School.
10. Lopoll G.R.(1973) : The teacher of Geography Macmillan Education Ltd., London.
11. Morin John W (1968), Methods of Geographic instruction, Blasdell publisher company, Massachusetts.
12. Verma O.P. (1975) Geography Teaching sterling publisher, New Delhi.

१३. बापट बी. जी. १९६९, भूगोल अध्ययन अध्यापन, व्हीनस प्रकाशन, पुणे.

१४. पाटणकर ना. वि. १९५४, भूगोलाचे अध्यापन, मॉडर्न बुक डेपो, पुणे.

१५. पोंक्षे द. बा., भूगोल अध्यापन पध्दती, नूतन प्रकाशन, पुणे.

१६. साबळे शैलजा, दृष्टीक्षेपात स्पेशल मेथड भूगोल, नूतन प्रकाशन, पुणे.

१७. भट्टाचार्य जी. सी., भूगोल अध्यापन, विनोद पुस्तक मंदिर, आग्रा.

१८. सिंह एच. एन., भूगोल शिक्षण, विनोद पुस्तक मंदिर, आग्रा.

१९. शिंदे डी. बी., पाटील बी. एम. भूगोल आशय अध्यापन, फडके प्रकाशन, कोल्हापूर.

२०. जाधव एम. आर., भूगोल अध्यापन पध्दती चैतन्य प्रकाशन, पुणे.

२१. गोरे सुग्रीव श्रीमंत, उलभगत चंद्रकांत, भूगोल आशययुक्त अध्यापन, नूतन प्रकाशन, पुणे.
२२. प्रभुणे पद्मजा, भूगोल अध्ययन अध्यापन पध्दती, नूतन प्रकाशन, पुणे.
२३. पोंक्षे द. बा. भूगोलातील पाठयांश पध्दती एकात्मता, नूतन प्रकाशन, पुणे.

**Websites :**

1. <http://www.curriculumonline.in>
  2. <http://www.teachingideas.co.uk/geography.contents.com>
  3. <http://www.mapsofindia.com>
  4. <http://www.eduworldmap.com>
  5. <http://www.nationalgeographic.com/geobee>
  6. <http://www.earth.google.com>
  7. <http://www.geography.org.uk>
  8. <http://www.ncert.nic.in>
  9. <http://www.social> studies.org
  10. <http://www.cwrl.utexas> edu.
  11. <http://www.en.m.wikipedia.org>.
-

## **B. Ed. Second Year: Semester III**

### **CURRICULAR AREA C: EPC**

#### **EPC 3: Critical Understanding of ICT (1/2)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 50

University Assessment Marks: 00

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#### **Objectives:**

1. To enable student teachers to understand importance of ICT in day to day life.
2. To enable student teachers to acquire essential skills of ICT in order to integrate ICT in teaching, learning, evaluation, administration, teaching material development & developing collaborative networks for sharing and learning in schools and colleges.
3. To motivate student teachers to judiciously use ICT for facilitation for their own development and development of the society.
4. Provide student teachers opportunities of using online and offline resources for their individual learning.
5. To create net savvy attitude of sharing knowledge resources for betterment of the world.
6. To help student teachers to construct knowledge using ICT and become a lifelong learner.
7. To empower student teachers to become responsible citizens of the modern – technology based world.

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#### **Syllabus of the course:**

**Unit1:** Introduction to computer fundamentals, major elements in a computer system and properties of computers.

**Unit2:** Application software: O. S., Microsoft Word, Microsoft Excel, Microsoft Power point its facilities and uses.

**Unit3:** Internet, Email- requirements, registration, benefits and limitations. Social Websites their uses & limitations. Use of various Google apps for educational purpose.

**Unit 4:** Microsoft Publisher and its facilities. Computer care – viruses and safety measures.

**Course Evaluation:**

An objective test of 10 marks on the course content.

Any eight of the following practical each carrying 5 marks.

**Practicals:**

1. Preparation of a word document such as letter, bio-data/ CV/ resume, application, report, question paper, etc.
2. Preparation of a spreadsheet using functions and commands, diagrams / charts/ graphs
3. Preparation of a power point presentation using online and offline references on a school topic
4. Email registration and sending / receiving Email with attachment.
5. Preparation of a newsletter/ brochure / invitation card/ visiting card/ website
6. Critical evaluation of a website
7. ICT project on any one of the pertinent topic / concept assigned to the student by the teacher such as cybercrime and cyber security.
8. Preparation of a power point presentation / video presentation on observance of special day.
9. E publication of an article / report / note / research / survey.
10. Preparation of an evaluation tool / Feedback form for online registration/feedback
11. Word / Excel/ DBMS file preparation on students' profile in any school / college class.
12. Organization of special lecture / guest lecture on a pertinent topic of ICT and its digital notes.
13. Video interview / organization of video conference and digital report.

14. Education blogs creation and application.
15. Creating e-group/forum for educational interaction
16. Preparing e-port folio on one's own learning in ICT / Preparing e-port folio of Students of the B. Ed. class

**References: (The references are suggestive. Teachers are advocated to identify, use such other and online resources. Online and web based references may be used as and when required.)**

1. Mishra, R. C. (2009) , *Teaching of information technology*, APH pub. Corp., New Delhi.
2. NCTE (n. d.) *X-Pdite Towards Excellence in Education*, Handbook for Teacher Educators
3. Ram, B. (2001). *Computer Fundamental Architect and Organization* (3<sup>rd</sup> Ed.) New Delhi: New Age International Publications.
4. Rao, D. B. (2001), *Information technology*, Discovery pub. Delhi.
5. Shankar, T. (2008), *Methods of teaching information technology*, crsscent pub. Corp., New Delhi.
6. Sinha, P. K. (2010). *Computer Fundamentals*. (4<sup>th</sup> Ed.) New Delhi: BPB Publications.
7. Spencer, D. D. (1998). *The Illustrated Computer Dictionary*. (3<sup>rd</sup> Ed.)New Delhi: Universal Book Stall.
8. Yadav, D.S. (2008). *Foundation of Information Technology* ( 3<sup>rd</sup> Ed.) New Delhi: New Age International Publications.

# Engagement with the Field

Semester –III

## Appendix C-01 Practice Teaching and Internship

क्रेडिट -८

गुण-२००

कालावधी : ४०० तास

(For Semester –III Internship + Practice Lesson = 120+80 = 200 Marks)

उद्दिष्टे : छात्राध्यापकास....

१. विद्यार्थ्यांना सलग पाठ व चाचणीघेण्यास मदत करणे.
२. विद्यार्थ्यांना आशययुक्त अध्यापन पध्दतीने प्रत्येक अध्यापन पध्दतीचे प्रत्येकीदोन पाठघेवून परिणामकारकता तपासण्यास मदतकरणे.
३. विद्यार्थ्यांनीघेतलेल्या चाचणीतून प्रत्याभरणघेण्यास मदत करणे.
४. विद्यार्थ्यांना अभ्यासनुवर्ती उपक्रमघेण्यास मदतकरणे.
५. विद्यार्थ्यांना अध्यापन पध्दतीशी संबंधित प्रात्यक्षिक राबविण्यास मदत करणे.
६. आय.सी.टी. वर आधारित पाठघेण्यास मदतकरणे.
७. विद्यार्थ्यांना शैक्षणिक साधननिर्मितीकरून पाठघेण्यास मदत करणे.
८. सांघिक अध्यापन/सहकार्यात्मक अध्यापन/ क्रमान्वित अध्ययन / प्रोजेक्ट बेस्ड अध्ययनद्वारे पाठघेण्यास मदत करणे.
९. एकाविद्यार्थ्यांचा व्यक्ती अभ्यास करूनत्याचे संकलित नोंदपत्रक तयार करणे.
१०. विद्यार्थ्यांना विविध उपक्रमाचे आयोजन, नियोजन, जबाबदारी, भूमिका येणारे अडथळे, पर्यायी व्यवस्था याविषयी माहिती घेण्यास मदत करणे.
११. पेपर निहाय प्रात्यक्षिक पूर्णकरण्यास मदत करणे :

छात्रसेवाकाल स्वरूप : १) पाठसंख्या : या छात्रसेवाकाल १६ सराव पाठ घेणे.

८० गुण.

पाठाचे प्रकार: सराव पाठांचे गुण सरावपाठांच्या १५० गुणांपैकी दिले जातील

१. शालेयस्तरावरील विषयाचे आशययुक्त अध्यापन पध्दतीनुसार प्रत्येकी २ याप्रमाणे याप्रमाणे दोन अध्यापनपध्दतीचे ४ पाठ घेणे.
२. शालेयस्तरावरील विषयाचे अध्यापन पध्दतीनुसार प्रत्येकी ४ सलग सराव पाठ याप्रमाणे दोन अध्यापनपध्दतीचे ८ पाठ घेणे.
३. शालेयस्तरावरील विषयाचे अध्यापन पध्दतीनुसार प्रत्येकी २ आय.सी.टी. तंत्रज्ञानाचा वापर करून पाठ घेणे. याप्रमाणे दोन अध्यापनपध्दतीचे ४ पाठ घेणे.

छात्रसेवाकाल स्वरूप : २) पुढीलपैकी सर्व उपक्रम या छात्रसेवाकालात राबवावेत. या उपक्रमाचे विद्यार्थ्यांची उपस्थिती, सहभाग, पूर्वनियोजन व तयारी, उत्स्फूर्तता, अहवाल लेखन,सादरीकरणास १२ पैकी गुण द्यावेत. (एकूण गुण :१२०)

१. भाषिक कौशल्य विकसनासाठी इ. ५वी ते ९ वीच्या एका वर्गासाठी योग्यउपक्रमाची आवश्यक निवड करूनत्याचे नियोजन करावे. उपक्रमाची कार्यवाही करून उद्दिष्टे, नियोजन, पूर्वतयारी, अंमलबजावणी, यशस्वीता व मिळालेले प्रत्याभरण यावर अहवाल लिहावा उपक्रम राबविताना उपक्रमनिवड कार्यवाही याबाबत आवश्यकतेनुसार मार्गदर्शकांनी सूचनाद्याव्यात.
२. प्रोजेक्ट बेसड लर्निंग/सांघिक अध्यापन/सहकार्यात्मक अध्यापन/आयसीटीवर आधारित पाठाचेनियोजनकरण्यासाठीइ.५वी ते ९ वी पर्यंतच्या वर्ग निवडावा व गटनिहाय किंवा पाठघेवूनत्यावर आधारित वृतांत लिहावा. शाळेतील एका अनुभवीशिक्षकांच्या पाठाचेनिरीक्षणकरणेतसेच सहाध्यायाच्या पाठाचेनिरीक्षणकरणे व त्यांच्या योग्यनोंदीकरणे.
३. समाजसेवा/आर.एस.पी./गर्ल गार्ड/स्काऊट/आपत्ती व्यवस्थापन याबाबतएका उपक्रमाचे आयोजनकरून कार्यवाहीचा वृतांत लिहिणे.
४. विद्यार्थी शिक्षकांनी एका मानसशास्त्रीय कसोटीची निवड करून एका वर्गावर इ. ८वी किंवा ९वी राबवावी. कसोटीचे विश्लेषण करून त्याचा वृतांत लिहावा.
५. विद्यार्थी शिक्षकांनी एका अभ्यासनुवर्ती उपक्रमांचे नियोजन करावे. सहा आठवडयाच्या शालेय अनुभवाच्या कालावधीत येणारे विशेष दिन, दिनविशेष यांचे ही आयोजन करता येईल. अभ्यासनुवर्ती उपक्रमाचा उद्देश, पूर्वतयारी, नियोजन, कार्यवाही यशस्वीरित्या यावर अनुभव वृतांत लिहावा.
६. शाळेतील एका विद्यार्थ्याचा व्यक्ती अभ्यास करून त्याचे सकलित नोंदपत्रक तयार करावे.
७. शाळेतील एका वर्गासाठी सर्वकष सात्यपूर्ण मूल्यमापन साधनांपैकी एक साधनांची निवड करावी एका वर्गातील विद्यार्थ्यांचे त्या साधनाद्वारे मूल्यमापन करून अहवाल लेखन करावे .
८. विद्यार्थी शिक्षकांनी एका इयत्तेचा अध्यापन पध्दतीनुसार आशय निवडून त्यासाठी लागणा-या शैक्षणिक साधनाचा वापरकरूननिर्मितीकरावी. शैक्षणिक साधनाचा वापरकरूनत्याची परिणामकारकता तपासून अहवाल लिहावा.
९. परिपाठ अथवा तणाव व व्यवस्थापन कार्यक्रमाचे आयोजन करून प्रत्यक्ष कार्यवाही करून त्यावर अहवाल लिहावा.
१०. आपल्या अध्यापनपध्दतीनुसार अवांतर माहिती व कौशल्य विकासासाठी राबविण्यात येणा-या एका उपक्रमाची निवड करा व प्रत्यक्ष कार्यवाही करून त्यावर अहवाल लिहावा.



## Appendix C-02: Content cum Methodology Workshop (CCM)

### आशययुक्त अध्यापन पध्दती कृतिसत्र

क्रेडिट -१	गुण-२५	कालावधी : ३० तास
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उद्दिष्टे : छात्राध्यापकास...

१. आशययुक्त अध्यापन पध्दतीची संकल्पना समजावूनघेण्यास मदतकरणे.
२. अध्यापन विषयी संरचनातयार करण्यास मदतकरणे.
३. आपल्या विषयाच्या अभ्यासक्रमाचे स्वरूप समाजवूनघेणे.
४. आपल्या विषयाच्या पाठयक्रमाचे विश्लेषण करण्यास मदतकरणे.
५. आपल्या विषयाच्या पाठयपुस्तकाचे विश्लेषण करण्यास मदतकरणे.
६. आशय व अध्यापन पध्दतीचा अतूट संबंध समजावूनघेण्यास मदतकरणे.
७. आपल्या विषयाच्या अभ्यासक्रमाचे स्वरूप समजावूनघेणे.
८. आशययुक्त अध्यापन पध्दतीनुसार पाठनियोजनकरण्यास मदत करणे.

कोर्स १०, ११ मधील आशययुक्त अध्यापनासंबंधित आशय कार्यशाळेत व्याख्यानाद्वारे पूर्ण करण्यात यावा. आशययुक्त अध्यापनावरील घटकविध पध्दतीच्या पेपरमध्ये आहेत. हे घटक स्वतंत्ररित्या शिकविण्याऐवजी कृतिसत्रातून पूर्ण करावेत. कृतिसत्र चार दिवसाचे असावे. यामध्ये आशययुक्त अध्यापन, संबोध, अभ्यासक्रम, पाठयक्रम, पाठयपुस्तक, वा आशय विश्लेषण व आशययुक्त अध्यापनाचे पाठांचे नियोजन यांवर व्याख्याने आयोजित करावीत. व्याख्यानांतर तत्संबंधी प्रात्यक्षिके पूर्ण करावीत. आशययुक्त अध्यापनाच्या पाठाचे मार्गदर्शन याच कालावधीत द्यावयाचे असून प्रत्यक्ष पाठ सराव पाठशाळेत वास्तव परिस्थितीत सोयीनुसार पूर्णकरून घ्यावेत आशययुक्त अध्यापन पध्दतीनुसार एक आशय दोन पध्दतीने दोन वेगवेगळी पाठ टाचणे काढावीत परंतु प्रत्यक्षात एकूण दोन पाठ घ्यावेत व ते सरावपाठात अंतर्भूत करावेत. (प्रत्येक अध्यापन पध्दतीचा एक असे एकूण दोन)

**मूल्यमापन** —या कृतिसत्राचे मूल्यमापन पुढील निकषाद्वारे करावे.

अ.न.	मूल्यमापन निकष	गुण
१	कार्यशाळेतील सहभाग	५
२	विषयाची संरचना	५
३	पाठयक्रम विश्लेषण	
४	पाठयपुस्तक विश्लेषण	१०
५	आशय विश्लेषण	
६	पाठटाचण -आशययुक्त अध्यापन पध्दती-१	५
७	पाठटाचण -आशययुक्त अध्यापन पध्दती-२	
	एकूण	२५

मूल्यमापन कृतिसत्र

क्रेडिट -१

गुण-२५

कालावधी : ३० तास

उद्दिष्टे : छात्राध्यापकास....

१. शैक्षणिक मूल्यमापन संकल्पना समजून घेण्यास मदत करणे.
२. वार्षिक नियोजन, घटकनियोजन, कृतिपत्र नियोजन या विषय अध्यापनाशी निगडित बाबी समजण्यास मदत करणे.
३. बी. एड्. अभ्यासक्रमातीलनिवडलेल्या दोन अध्यापन पध्दतीशी संबंधित माध्यमिक स्तरावरीलदोन शालेय विषयातील वार्षिक नियोजनकरण्यास मदत करणे.
४. बी. एड्. अभ्यासक्रमातील निवडलेल्या दोन अध्यापन पध्दतीशी संबंधित माध्यमिक स्तरावरीलदोन शालेय विषयातील दोन घटकांचे नियोजन करण्यास मदत करणे.
५. बी. एड्. अभ्यासक्रमातीलनिवडलेल्या दोन अध्यापन पध्दतीशी संबंधित माध्यमिक स्तरावरील दोन शालेय विषयातील दोन घटकांची कृतिपत्र करण्यास मदत करणे.
६. कृतिपत्र प्रत्यक्ष वर्गावर उपयोगकरण्यास मदतकरणे.

कालावधी : १० तास

प्रात्यक्षिकासाठी पूर्वाश्यक तात्विक भाग : मूल्यमापन, संकल्पना, उद्दिष्टे, स्पष्टीकरणे, अध्ययन अनुभव, मूल्यमापन साधनेइ. या तात्विक भागाची व्याख्याने झालेली असावीत.

प्रात्यक्षिक आवश्यक प्रणाली : शालेय पाठयक्रम, शालेय पाठयपुस्तके, मूल्यमापनावरील संदर्भ पुस्तके, शिक्षक हस्तपुस्तिका,नियोजनाचे छापील नमुने, इ.

प्रशिक्षणकार्यक्रमाचा आशय व नियोजन:

आयोजन: मूल्यमापनाशी निगडीत असा घटक प्रत्येक विषय अध्यापनपध्दतीत आहे. हा घटककृतिसत्राद्वारेशिकवायचा असून यासाठी चार दिवसाचे कृतिसत्र आयोजित करावे यामध्ये वार्षिक नियोजन, घटक नियोजन, कृतिपत्र, यावर पाच व्याख्याने घेण्यात यावीत व व्याख्यानानंतर गटवार आपआपल्या विषयांचे प्रात्यक्षिक काम पूर्ण करून घ्यावे.

मूल्यमापन- या कृतिसत्राचे मूल्यमापन पुढील निकषाद्वारे करावे.

अ.न.	मूल्यमापन घटक	गुण
१	कार्यशाळेतील सहभाग	५
२	वार्षिक नियोजन	५

३	घटकनियोजन	८
४	कृतिपत्र	७
	एकूण	२५

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**Action Research Project  
कृतिसंशोधनप्रकल्प****क्रेडिट -१****गुण-२५****कालावधी : ७० तास****उद्दिष्टे :** छात्राध्यापकास,

१. कृतिसंशोधनाचे स्वरूप, वैशिष्ट्ये, महत्त्व समजण्यास मदतकरणे.
२. कृतिसंशोधनाच्या विषय निश्चितीची क्षेत्रे समजावून देणे.
३. कृतिसंशोधन आराखड्याचे टप्पे व प्रत्येकाचे महत्त्व समजावून सांगणे.
४. कृतिसंशोधन आराखडा तयार करून घेणे.
५. कृतिसंशोधन अहवाल तयार करणे व मूल्यमापनासाठी सादर करणे.

**योग्य कालखंड-** द्वितीय सत्रातील शालेय अनुभवापूर्वी कृतिसंशोधनपर आधारित उद्बोधन सत्र पूर्ण करावे. छात्राध्यापकांनी द्वितीयसत्रातील शालेय अनुभवाच्या पहिल्या आठवड्यात समस्यानिश्चित करून संशोधन आराखडा तयार करावा. छात्राध्यापकांनी मागदर्शकाच्या मदतीने प्रत्यक्ष शाळेवर कृतिसंशोधनाचे काम शालेय अनुभवाच्या उर्वरित कालखंडात पूर्ण करावे.

**कार्यनीती:**

१. प्रत्येक अध्यापनात पध्दतीच्या मार्गदर्शकांनी दुस-या सत्राच्या सुरुवातीला कृतिसंशोधनावरील संदर्भ पुस्तकांची यादी द्यावी.
२. कृतिसंशोधनाच्या तात्विक भागावर व्याख्याने आयोजित करावे.
३. कृतिसंशोधनाचे स्वरूप, वैशिष्ट्ये, महत्त्व व गरज या भागासाठी दोनघड्याळी तास द्यावेत. तसेच विषय निश्चितीची क्षेत्रे यासाठी दोनघड्याळी तास देवून प्रशिक्षणार्थींना प्रथम अध्यापन पध्दतीनुसार गटामध्ये बसवून त्यांच्या विषयाच्या मार्गदर्शकांनी प्रत्येक विद्यार्थ्यांचे विषय निश्चित करून द्यावेत.
४. प्रशिक्षणार्थींचे विषय निश्चित झाल्यानंतर कृतिसंशोधन आराखड्यातील प्रत्येक बाबीचे व्यवस्थित विवेचन करण्यासाठी तासिका किंवा घड्याळी तास द्यावेत.
५. वरील सर्व बाबी प्रशिक्षणार्थी लक्षात आल्यानंतर कच्चा आराखडा लेखन करून घ्यावे.
६. प्रत्येक अध्यापन पध्दतीच्या मार्गदर्शकांनी कच्चा आराखडा तपासावा. त्यातील दुरुस्त्या समजावून घ्यावेत व त्यानंतर कृतिसंशोधनाचा पक्का आराखडा तयार करायला सांगावे.
७. कृतिसंशोधन आराखडा व अहवाल स्वतःच्या हस्तक्षरामध्येच लिहून घ्यावा..

**कृतिसंशोधन प्रकल्प मूल्यमापन:**

- |  |       |
|--|-------|
| १. कृतिसंशोधन विषय व उद्दिष्ट्ये निश्चिती कार्यवाही                    | ५ गुण |
| २. कृतिसंशोधन पध्दती, साधने निवड व विकसन कार्यवाही                     | ५ गुण |
| ३. कृतिसंशोधन आराखडा निश्चिती व सादरीकरण                               | ५ गुण |
| ४. कृतिसंशोधन पध्दती व साधनाद्वारा प्राप्त माहितीचे विश्लेषण कार्यवाही | ५ गुण |
| ५. कृतिसंशोधनाचे अहवाल लेखन कार्यवाही                                  | ५ गुण |

एकूण

२५ गुण

## Appendix C-05

### समाज सेवा (Social Service)

क्रेडिट -१

गुण-२५

कालावधी : ५० तास

#### उद्दिष्टे : छात्राध्यापकास .....

१. समाजसेवेतकाम / समाजसेवा या संबंधाचे आकलन होण्यास मदतकरणे.
२. समाज ही संकल्पनातसेच समाजाचे योगदान आणि समाजातील संस्थांचे समाजाविकासातील योगदान या विषयीचे ज्ञान मिळविण्यास मदतकरणे.
३. समाजविकासातील असणा-या विविधकार्यक्रमांच्या व संतांचा परिचयकरून देणे.
४. समाज व शैक्षणिक संस्था यातील आंतरक्रियेची गरज आकलन करण्यास मदतकरणे.
५. समाजविकासातील समाजसेवेतकाम करण्याची प्रेरणानिर्माणकरणे व अशा कार्यक्रमात सहभागी होण्यास मदतकरणे.
६. श्रमप्रतिष्ठा, सामाजिक बांधिलकी, सहकार्य, सहानुभूती या विषयीचे महत्व समजवण्यास मदतकरणे आणि अशा गुणांचाविकासकरणे.
७. समाजाचे घटक म्हणून शिक्षकाने पार पाडावयाचीजबाबदारी व भूमिका अवगत होण्यास सहाय्य करणे.
८. सामाजिक समस्यांचे आकलन होण्यास व त्या सोडविताना शिक्षकांचेकरावयाच्याकार्यांचे आकलन होण्यास मदतकरणे.
९. राष्ट्रीय उभारणी व राष्ट्रीयविकासाच्या कार्यक्रमात सहभागी होण्यात मदत करणे.

**योग्यकालखंड** : सत्र -३: या सत्रामध्ये सातत्याने समाजसेवा कार्यक्रमासाठी गट करून आठवडयातून एक दिवस (शक्यतो शनिवार) आयोजन करता येतील.

**प्रात्यक्षिक आवश्यक आधारप्रणाली** : कार्यक्रमाच्या स्वरूपानुसार साधने व सुविधा, समाजातील संस्था व व्यक्तींचे सहकार्य घ्यावे. प्रात्यक्षिककार्याचा आशय व नियोजन : प्रात्यक्षिककार्याची प्रत्यक्ष सुरुवात करण्यापूर्वी समाजसेवेतकाम/समाजसेवा या विषयी तात्त्विक माहिती विद्यार्थीशिक्षकांनाद्यावयास हवी. शिक्षक प्रशिक्षण कार्यक्रमातील आवश्यक विषयात नसलेली माहिती व्याख्यानाद्वारे दिली जावी. यासाठी किमान ४ व्याख्याने आयोजित करावीत. समाजसेवा विभाग ज्या शिक्षक प्रशिक्षकाकडे सोपविला आहे त्यांनी ह्या व्याख्यानांचे आयोजन करावे. या व्याख्यानातून समाजसेवेतकाम / समाजसेवा संबोध, गरज व महत्व शिक्षण ही समाज, समाजसेवेत कामाची पध्दती या मुद्याची चर्चा करावी.

समाजसेवेतकाम / समाजसेवा या कार्यक्रमाचे आयोजनतीन स्तरावरकरता येईल. हे स्तर असे - महाविद्यालयीन स्तर, शालेय स्तर व सामाजिक स्तर. नमुन्यादाखलसमाजसेवा कार्यक्रमाची यादी पुढीलप्रमाणे आहे.

१. **महाविद्यालयीन स्तर** : परिसर सफाई, सुशोभन, वृक्षारोपन, श्रमदान, ग्रंथालयीन सेवा व महाविद्यालय विकासकार्यक्रमात सहभाग समाजहितासाठी उपयोगीकाम महाविद्यालय वेळोवेळी करावीत.
२. **शालेय स्तर** : शालेय आवाराचे सुशोभन, आरोग्य विषयक कृतिसत्राची अथवाशिबीराचे आयोजन, विषययोजनांचे समायोजनकरण्यात सहभाग, शालापयोगी शैक्षणिक साहित्याची निर्मिती, शाळेसाठी श्रमदान, पालकशिक्षक संघातसहभाग, शाळेसाठी वृक्षारोपन व वृक्षसंवर्धन, विद्यार्थ्यांसाठी अंधश्रध्दा, निर्मूलन, कार्यक्रमाचे आयोजन, विद्यार्थ्यांसाठीनेतृत्व प्रशिक्षणाचे आयोजन करता येतील.
३. **सामाजिक स्तर** : श्रमदान, वृक्षारोपन, वृक्षसंवर्धन, रस्तादुरूस्ती, सफाई, अंधश्रध्दानिर्मूलनकार्यक्रम, व्यसनमुक्तीकार्यक्रम, साक्षरता प्रसारकार्यक्रम, लोकसंख्या परिणामजागृतीकार्यक्रम, सांस्कृतिककार्यक्रमाचे आयोजन, समाजातीलएखादयाविभागाचे सर्वेक्षण व त्याच्या अडचणी

सोडविण्यासाठी कृतीयुक्त सहभाग, आरोग्यशिबीराचे आयोजन, समाजातील युवकासाठी नेतृत्व प्रशिक्षणशिबीराचे आयोजन करावे.

**अहवालाची रूपरेषा :** अहवाल चार विभाग असावेत.

१. तात्विक विभागाची माहिती
२. महाविद्यालयीन स्तरावर केलेल्या समाजसेवाकार्याचा अहवाल
३. शालेय स्तरावर केलेल्या समाजसेवाकार्याचा अहवाल
४. सामाजिक स्तरावर केलेल्या कामाचा अहवाल

सत्र.३ अहवाल विद्यार्थी शिक्षकाकडून लिहून घेऊन त्याचे मूल्यमापन करावे.

**मूल्यमापन पध्दती :** या प्रात्यक्षिककार्याचे मूल्यमापन प्रक्रिया तसेच निष्पत्ती या दोन पातळ्यावर व्हावे. काम चालू असतानाच सातत्याने हे मूल्यमापन करावे. यासाठी तृतीय सत्रासाठी १० पैकी गुण द्यावेत. निष्पत्ती पातळीवर मूल्यमापनात केलेल्या कार्याचा विचार करून १० पैकी गुण द्यावेत व अहवाल लेखनासाठी ५ पैकी गुण द्यावेत. असे एकूण २५ गुणांचे मूल्यमापन करावे.

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## Appendix C-06:आरोग्य व शारीरिक शिक्षण

### (Physical and Health Education)

#### शारीरिक क्षमता चाचणी

क्रेडिट -१	गुण-२५	कालावधी : ५० तास
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उद्दिष्टे: छात्रध्यापकास.....

१. शारीरिक क्षमता चाचणी मध्ये सहभागी होण्यास मदत करणे.
२. योगा, प्राणायाम, सुर्यनमस्कार संबंधीची प्रात्यक्षिकात सहभाग होण्यास मदत करणे.
३. योगा, प्राणायाम, सुर्यनमस्कार व खेळ इत्यादी माध्यमातून आरोग्यपूर्ण जीवन जगण्यास मदत करणे.
४. शारीरिक, मानसिक, भावनिक बुद्धिमत्तेचा विकास करणे.

**Physical Efficiency Test:** (At the end of Sem –III) Physical Efficiency Test will be organized at the end of semester III. There will be separate- physical efficiency tests for men and women candidates. In each test, there will be eight items out of which any five items are to be selected by the candidates. The items in the tests are given-below.

1]

<b>Group-A (Any Three Activities)</b> <b>15 Marks</b>	<b>Group-B (Any Two Asnas)</b> <b>10 Marks</b>
Shuttle Run (10 M x4)	Padmasana
Medicine Ball Throw (Men-2 Kg. Women-1 Kg.)	Bhujangasana
Situps	Tadasana
Standing Broad Jump	Vajrasana

The candidate reaching the minimum standard prescribed above will get 5 marks for each item. The distribution of marks ar as follows. Total marks 15 for Group-A

(For Men)

<b>Marks</b>	<b>Shuttle Run</b> <b>- second</b>	<b>Medicine Ball Throw</b>	<b>Situps</b>	<b>Standing Broad</b> <b>Jump</b>
5	11.21 to 11.70	7.00 to 7.99 Meter	14-16 total	1.30 to 1.49 Meter
4	11.71 to 12.20	6.00 to 6.99 Meter	11-13	1.10 to 1.29 Meter
3	12.21 to 12.70	5.00 to 5.99 Meter	8-10	0.90 to 1.09 Meter

2	12.71 to 13.20	4.00 to 4.99 Meter	5-7	0.80 to 0.89 Meter
1	13.20 above	Below 4.00 Meter	Below 5	Below 0.80 Meter

(For Women)

Marks	Shuttle Run second	Medicine Ball Throw	Situps	Standing Broad Jump
5	13.01 to 13.50	7.00 to 7.99 Meter	11-13 total	0.90 to 0.99 Meter
4	13.51 to 14.00	6.00 to 6.99 Meter	8-9	0.80 to 0.89 Meter
3	14.01 to 14.50	5.00 to 5.99 Meter	6-7	0.70 to 0.79 Meter
2	14.51 to 15.00	4.00 to 4.99 Meter	4-5	0.60 to 0.69 Meter
1	15.00 above	Below 4.00 Meter	Below 4	Below 0.60 Meter

2] The candidate reaching the minimum standard prescribed above will get 5 marks for each item. The distribution of marks are as follows. Total marks 10 for Group-B

योगासना करीता गुण देताना आसनाचे निरीक्षण करुन पुढील प्रमाणे गुणदान करावे.

एका आसनासाठी ५ गुण राहतील.

आसन करण्याची पध्दती-०२ गुण

आसनाची सुयोग्य स्थिती-०३ गुण

3. The candidate is not to compete with each other while taking part in the test.

4. The college should provide necessary facilities for the practice of the above items.

**अहवालाची रूपरेषा :** अहवाल चार विभाग असावेत.

५. आरोग्य व शारीरिक शिक्षण तात्विक विभागाची माहिती : आरोग्य व शारीरिक शिक्षणाची उद्दिष्टे व महत्त्व, आरोग्यविषयक उद्बोधनपर व्याख्यानांची माहिती.

६. योग, प्राणायम, सूर्यनमस्कार यासंबंधी तात्विक माहिती व पाच सांघिक खेळासंबंधित माहितीवर आधारित अहवाल

७. योग, प्राणायम, सूर्यनमस्कार यासंबंधी प्रात्यक्षिकांचे व विविध खेळांचे आयोजनअहवाल



ॢ. महाविद्यालयाअंतर्गत आरोग्य व शारीरिक शिक्षण विषयक उपक्रमाचे अहवाल

**Marking system:** Category A -15 Marks    Category B    -10    =    Total  
Marks 25 Marks

## Semester IV

### Curricular Area – A Perspectives in Education

#### Course BED-IV-12: Gender, School & Society (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objectives: To enable to teacher trainees**

1. Develop basic understanding about concept as gender, sex, sexuality, gender bias gender inequality and empowerment.
2. Understand the gender and educational and discourse in post-independence India.
3. Understanding about gender education and India.
4. Understanding about gender identities and socialization practice with respect to family, school.
5. Develop attitude about gender equality.
6. Inculcate role of school, family and teacher to develop gender equality.
7. Develop an attitude about women empowerment, get knowledge about sexual harassment as an abuse, develop an attitude about changing status of women in the society

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#### **Unit 1: Basic concept about gender**

1. Concept – Gender, Sex, Masculinity.
2. Gender bias, Feminism
3. Concept – Meaning of gender inequality, gender it's nature and historical background (Pre and Post Independents)
4. Need and importance of empowerment of deprived sections of society with special reference to women.

## **Unit 2: Gender and education**

1. Gender and educational discourse in post-Independence India
2. Gender education and nation with respect to India.
3. Gender identities and socialization practices in family, school curriculum, formal and non-formal organizations.
4. Schooling of Girls for Secondary and Higher Secondary.

## **Unit 3 : Gender equality**

1. Articles in Indian Constitution related to gender equality.
2. Role of school, teacher, parent (family) peer group and textbook to inculcate gender equality
3. Different Policies of State and Central Government for Gender Equality.
4. Human Right and Gender Equality.

## **Unit 4: Women Empowerment**

1. Attitude about women Empowerment and barriers in women empowerment.
2. Different policies of state and central government for women Empowerment in India.
3. Understanding and importance of addressing sexual harassment in family, neighborhood, form and non-formal Institutions work place and media. (Print and Electronic )
4. Institutional mechanism for redressing sexual harassment related abuses,.

## **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students may undertake **One** of the following practical and present the report **(5 Marks)**
  1. Conducting world Women Day and Write its Report.
  2. Preparing analytical report on portrayal of women in print and electronic media.
  3. Analysis of Secondary curriculum with respect to reflection of Gender. (Any one Standard)
  4. Debates / discussions on violation of rights of girls and women.

5. Interview of Successful Women in Society and Its Report.
  6. Preparation of the project on critical analysis of recommendations of commissions and policies on capacity building and empowerment of girls and women. (Any one Commission OR Policy)
  7. Analysis of textual material from the perspective of gender bias.
  8. Organizing debates on equity and equality across gender.
  9. Analysis of Internal Complaints Committee of any one Institution and Its Report.
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## Semester IV

### Course BED-IV-13: Knowledge and curriculum Part-II (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives of the course:** Student- Teachers will be able to,

- 1) Understand the Concept, nature and characteristics of Curriculum
- 2) Understand the Epistemological basis of education explained by Indian educationalist.
- 3) Understand the differences between various enterprise of Education.
- 4) Understand the different dimensions of Curriculum
- 5) Understand the Reflections of Curriculum on textbook, Children's literature, teachers' handbook and reference Book.

#### **Unit no 1- Introduction to Curriculum**

- a) Concept, nature of Curriculum
- b) Characteristics and Types of Curriculum
- c) Epistemological basis of education explained by M. Gandhi, Rabindranath Tagore and J.Krishna Murthy
- d) Relationship between the curriculum framework and syllabus

#### **Unit no 2- Enterprise of Education**

- a) Distinctions between 'knowledge' and 'skill'
- b) Distinctions between 'teaching' and 'training'
- c) Distinctions between 'data' and 'information'
- d) Distinctions between 'reason' and 'faith'.

#### **Unit no 3- Dimensions of Curriculum**

- a) Concepts of nationalism.
- b) Concepts of International Understanding.
- c) Interrelationship of nationalism, concept and interrelationship between U.N. Secu.
- d) Multiculturalism and democratic education.

#### **Unit no 4- Reflections of Curriculum on**

- a) Textbooks
- b) Children's literature
- c) Webliography
- d) Reference Book

**Sessional work: (10 marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. (5 Marks)

- **Any one of the following ( 05 Marks)**

1. Comparison of educational philosophies of Mahatma Gandhi and Rabindranath Tagore explained.
2. Analysis of curriculum of any subject at secondary level.
3. Project on any programme for inculcating nationalism.
4. Comparison among textbook and reference books for any school subject.

**References:**

1. Kamat A. R. Education and social change in india starring publication, Delhi
2. Smatullah (1979) Eudcation in social context New Delhi, NCERT.
3. Choudhary (1986) Issues and advances in education ajanta publishing house



## Semester IV

### Course BED-IV-14: Creating an Inclusive School (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objective: To enable the student teacher to –**

1. To develop in the student teacher on understanding of the concept need, an importance of Inclusive Education
2. To help the student teacher to understand the classification characteristics of disable students.
3. To help the student teacher for understand the polices about inclusive education and recommendation for inclusive education
4. To help the student teacher to understand the positive behaviour for inclusion of student
5. To help the student teacher to understand and the role and inclusive qualities and student.

#### **Unit : 1 Inclusive Education**

- a) Inclusive education – Meaning, concept, Benefit
- b) Needs and importance of inclusive school
- c) Characteristics of disable students
- d) Classification of disable students

#### **Unit : 2 Inclusive School**

- a) Characteristics of Inclusive School.
- b) Infrastructural Facilities in Inclusive School.
- c) Challenges Facing Inclusive School.
- d) Instractional Strategies for inclusive School.

#### **Unit : 3 Policies about inclusive school**

- a) Barrier of Inclusive school
- b) Policies of government recommendations and law for inclusive schools
- c) Government Scheme and Provision
- d) Recommendation of UN, UNESCO, RTE-2009 SSA for inclusive school

#### **Unit : 4 Teachers Role in inclusive classroom**

- a) Inclusive Classroom Management
- b) Qualities and Training Programme of an inclusive teachers and role in shaping the inclusive Education
- c) Guidance and Counselling for Inclusive Teacher, Student and Principal
- d) Evaluation Method for Special Children in Inclusive School.

#### **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**
  1. Visit to a Inclusive School and prepare a report.
  2. Case study of Inclusive Schools
  3. Case study of Special Children of specific group
  4. Design and evaluate an Inclusive education programme.
  5. Draft a counseling program for special need child in Secondary School.( Inclusive classroom child)
  7. A study of any one N.G.O. promoting Inclusive education.
  8. Critical study of Any Special teacher training college or Institutes.

#### **References:**

- 1) Loreman, Deppeler and Harvey- Inclusive Education, Allwenand Unwin Australia.
- 2) Corbett Jenny – Supporting Inclusive Education, Routledge Falmer, 2001.
- 3) Felicity Armstrong and Michele Moore- Action Research for Inclusive Education, Routledge Falmer, 2004.
- 4) Mike Adams and sally Brown – Towards Inclusive Learning in Higher Education, Routledge, 2006.
- 5) Peter Mittler- Working towards Inclusive Education, David Fulton Publishers, 2000
- 6) Nind, Sheehy and Simmns, Inclusive Education –Learners and Learning Context,



- 7) Devid Fulton Pub.`17) Integrated and Inclusive Education, Premavathyand Mittal,R C I, 2006.
- 8) Advani, Lal. and Chadha, Anupriya( 2003). You and Your Special Child, New Delhi:UBS Publishers' Distributors Pvt. Ltd.
- 9) Sharma, Kaushaland Mahapatra (2007). Emerging Trends in Inclusive Education',Delhi, IVY Pub.
- 10)Renuka, P. and Bai, Suneetha, G. Inclusive of Exceptional Childern in The Mainstream Schools and teacher education: Global Trends in Teacher education.
- 11)Sohani chitra, Shirode (2016), Inclusive Education, Pune, Suvichar Prakashan Mandal.

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## **Curricular Area –B: Curriculum & Pedagogic Studies**

### **Semester IV**

### **Course BED-IV-15 :Optional Course**

(Electives- any two of the following)

15.1 Educational Management. (50Marks)

15.2 Value Education.(50Marks)

15.3Guidance and Counseling.(50Marks)

15.4Educational Technology.(50Marks)

15.5Environmental Education.(50Marks)

## Optional Course

### **BED-IV-15.1: EDUCATIONAL MANAGEMENT (1/2)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objective:**

To enable the student – teachers to:

- 1) Explain the concepts and types of educational management.
- 2) Understand meaning, concept of Institutional Planning.
- 3) Identify and relate administrative set up for secondary education at Central, state and local level.
- 4) Understand the structure of school plant and management of school.
- 5) Understand the importance of human relationship, accountability in education and concept and problems of classroom management.

#### **Unit-I : MANAGEMENT IN EDUCATION :**

- a. Concepts and Elements of Management
- b. Concept, nature and types of educational management.
- c. (i) Economics of Education: Concept, Nature, Importance & Utility. (ii) Man power development: Concept productivity, Quality & Criteria.
- d. Institutional Planning : Concept, need, objectives and process.

#### **Unit-II : SECONDARY SCHOOL RULES AND REGULATIONS.**

- a) Secondary school code.
- b) Financing Grants, staffing, fee concession and scholarships.
- c) Secondary Education Act.
- d) Head master: Role, Responsibilities and functions.

#### **Unit-III: SCHOOL PLANT AND MANAGEMENT OF SCHOOL**

- a) School Plant – Location, building, playground, garden.

- b) Physical facilities – Classrooms , Furniture, Library, Laboratory, Museum, Auditorium
- c) Planning and administration of annual work, time–table.
- d) Maintenance of records and registers – General register, Attendance register, (catalogue) fee register, muster, Dead stock register, Accession register, Purchase register, Scholarships & free ships , Annual results.

**Unit–IV: HUMAN RELATIONSHIP**

- a) Importance of human relationship and involvements of staff and students in the Management of Secondary School.
- b) Interpersonal Relationship
- c) Accountability in School Education.
- d) Classroom Management: Concept and problems.

**Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**

Elective – Educational Management

Sessional Work-

1. Visit any one of school office and report about school records.
2. Visit to any one of the school and report on financial support /grants/fee and scholarship.
3. Visit to any one of the school and study the planning and administration of school time table and annual work.
4. Take an interview of Heat Master of any school and report on role, responsibilities and functions.
5. Visit a school and write a report on classrooms management write a report on it.

## **Reference Books**

1. Brown. E.J., Secondary School Administration.
  2. Kochhar S.K., Secondary School Administration.
  3. Mohanty , Jagannath (1990) , Educational Administration, Supervision and School Management.
  4. Safaya Raghunath and Shajda B. D. Educational Administration.
  5. Sharma R. C. , Record Trends in Educational Administration.
  6. Studies in Educational Adiminstration in Maharashtra , NCERT.
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**Optional Course**  
**BED-IV-15.2: Value Education (1/2)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives – To enable the student teacher to -**

1. Understand the concept, need, nature and sources of values.
2. Know the values included in school curriculum.
3. Understand the different types of values and activities for inculcation of these values.
4. Know the need of Value Education to parents and their role in value education.
5. Comprehend the conflicts among values and the ways to overcome these conflicts.

**Unit-I Concept and nature of values**

- a) Concept and nature of values
- b) Importance of values in life.
- c) Sources of values
- d) Various types of values.

**Unit-II Value education in secondary school**

- a) Need of value education in secondary school curriculum.
- b) Process of value education.
- c) Activities for inculcating values.
- d) Role of the teacher in value education.

**Unit-III Inculcation of values and conflicts among values.**

- a) Activities for inculcation Social, National, democratic Values.
- b) Activities for inculcation of moral , religious and aesthetic values.
- c) Conflicts among values and ways to overcome these conflicts.
- d) Recommendations of different educational commissions regarding value education.

**Unit-IV – Role of the parents in value education.**

- a) Need of value education to parents.

- b) Role of parents in value education.
- c) Activities to involve parents in value education.
- d) Activities for environmental and scientific values.

**Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. (5 Marks)
- The students has to undertake **one** of the following practical and present the report (5 Marks)
  1. Organization of morning assembly for any one value.
  2. Preparation of script of drama related any one value.
  3. Critical analysis of any one text-book from the view point of value education.
  4. Organization of any one value inculcation programme on a special day.

**Reference Books:**

१. करंदीकर सुरेश (१९९७) मूल्य शिक्षण , फडके प्रकाशन पुणे
२. ना.ग.पवार (२००७) मूल्य-शिक्षण - आजच्या संदर्भात , नित्यनूतन प्रकाशन, पुणे
३. संतोष मुळावकर/कल्पना मुळावकर - (२००५) मूल्यशिक्षण- सुसंवाद
४. पठाण बी बी (२००८) व्यक्तिमत्व विकास , नित्यनूतन प्रकाशन, पुणे
५. माने एस.एस. — नैतिक मूल्यांचे शिक्षण विद्याभारती प्रकाशन, लातूर
६. वीरकर प्र.कृ व वीरकर प्रतिभा- मूल्यशिक्षण संकल्पना व कार्यवाही ( पुणे विद्यार्थी गृह प्रकाशन, पुणे )
७. नागतोडे किरण —नैतिक मूल्य शिक्षण — विदया प्रकाशन, नागपूर
८. एन.जी.पवार (२००३) मूल्यशिक्षा- सर्वोत्तम जीवन का यशोदीप , बुक एनक्लेव , जयपूर
९. Gupta N.L. –Value Education- Theory and practice (Krishna Brothers)
१०. Radhashyam Sarangi – Moral Education in School ( Deep and Deep publications)
११. Mohit Chakrbhati, Value Education: Changing perspectives , Kaniksha Publisher / Distributions.

## Optional Course

### **BED-IV-15.3: Guidance and Counseling (1/2)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

#### **COURSE OBJECTIVE: To enable the student 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 specialneeds.
  - 4) Understand the concept and process of Counselling.
  - 5) Acquaint the student with the aim and principles of guidance programme.
  - 6) Develop an understanding of various procedures of organizing various services.
- 

#### **UNIT I: GUIDANCE**

- a) Concept, Assumptions, Issues and Problems of guidance.
- b) Need, Scope and Significance of guidance.
- c) Types of guidance- Educational, Vocational, Personal and Group guidance.
- d) Role of teacher in guidance.

#### **UNIT II: EDUCATIONAL GUIDANCE AT VARIOUS LEVELS OF EDUCATION.**

- a) Guidance at Secondary school level. (Life skill, Life long learning, Carrer)
- b) Guidance and curriculum, Guidance and class room learning.
- c) Approaches to career guidance, Vocationalization of secondary education and Career development.
- d) Problems and needs of children with Special needs.

#### **UNIT III: COUNSELLING**

- a) Concept, Nature and Principles of Counselling.
- b) Counseling approaches- Directive and Non directive.
- c) Characteristics of Client –Counselor.
- d) Individual and Group Counselling.

#### **UNIT IV: COUNSELLING PROCESS**

- a) Preparation for Counselling –Reading, Pre-Counseling interview, case history.



- b) Steps in process of Counselling.
- c) Variables affecting Counselling process.
- d) Counselling interview.

**Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**

**PRACTICALS:**

Any Two of the following:

- a) Test the Intelligence of IX class students by a Group test of Intelligence.
- b) Test the creativity of secondary school students by a Psychological test of creativity
- c) Prepare of two individuals profiles.
- d) Assess the Adjustment of IX class students by an Adjustment inventory.
- e) Conduct two case studies.

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**Reference Books:**

- 1) Bhatnagar, Asha and Gupta, Nirmala (Eds)(1999), Guidance and Counselling, Vol.
- 2) Bhatnagar, Asha and Gupta, Nirmala (Eds)(1999), Guidance and Counselling, Vol.
- 3) Cormier, L. & Hackney, H. (1987). The Professional Counsellor. Englewood Cliffs, New Jersey: Prentice Hall.
- 4) Bhangale S.D. Guidance and Counselling, Prashant Publication, Jalgaon.
- 5) Corey G. (1986), Theory and Practice of Counselling and Psychotherapy, 3rd E.
- 6) Nelson, Richard (2012) Basic Counselling Skills. SAGE Pub. India. Pvt. New Delhi
- ७) मार्गदर्शन आणि समुपदेशन (२०१०) डॉ. के.यु.घोरमोडे/डॉ.कला घोरमोडे, विद्या प्रकाशन, नागपूर
- ८) शै.व व्या.मागदर्शन व समुपदेशन, (२०१०) डॉ.अरविंद दुनाखे/डॉ.लिना देशपांडे , नित्यनूतन प्रकाशन, पुणे.
- ९) मागदर्शन व समुपदेशन,(२००९), गुळवणी मेघा, नित्यनूतन प्रकाशन, पुणे.

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## Optional Course

### BED-IV-15.4: Educational Technology (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objective: To enable the student – teachers to:**

1. Understand the meaning, scope and development of Educational Technology.
2. Understand the role of E.T. teacher as a change agent.
3. Understand the meaning, scope, models and types of communication.
4. Understand the system approach in instruction and the modes of instruction.
5. Understand the resource for an instruction system
6. Understand the management of resource and use of multimedia in teaching process.

#### **Unit – 1 Education Technology:**

1. Concept, nature and scope of Education Technology
2. Need, significance and objective of Educational Technology
3. Essential characteristics of E.T. teacher.
4. Role of E.T. teacher.

#### **Unit – 2 Communications:**

1. Concept, nature and scope of communication
2. Types of Communication and their uses.
3. Channels of Communication.
4. Layout of language Laboratory and its importance

#### **Unit – 3 System Approach to Instruction:**

1. Concept, constituents, Principles of system.
2. Concept and Steps of systems approach.
3. Systems Approach to classroom teaching.
4. Modes of Instruction : Brain Storming, programmed learning, personalized Instructional system, dialogue, PowerPoint presentation (All in brief)

## **Unit – 4 Resources and Management (Hardware's and Software's) for an Instructional System**

1. Classification of instructional material
  - a) Visual: Hardware's and Software of OHP, Slide & film projector, charts, maps models.
  - b) Audio : Visual : Hardware's and software of radio, tape recorder
  - c) Audio: Visual: Hardware's and Software of T.V., L.C.D., video conferencing
2. Free and inexpensive instructional materials.
3. Management of Resource : Selection, preparation, planning, execution and evaluation
4. Layout of ICT and Computer lab and its importance

### **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**
  1. Visit to language lab and write its report.
  2. Select any topic from V to IX Class and write transcript from radio lesson or T.V.relay lesson
  3. Take problem related to school and apply system approach for remedies about the problem.
  4. Prepare transparency /film slide / PPT and reports on its. Effectiveness in classroom teaching
  5. Selected topic and prepare programmed learning programme and write are report on it

### **List of Recommended Books :**

1. Anand B and other (1982) Reading in E.T., Himalaya Publishing House  
Bombay
2. Brown J.W. (1983) Instructional Technology : Media and Methods, Newyork,  
Mc grew Hill
3. Dale Edger (1966), Technology 3<sup>rd</sup> Ed, Newyork, Half Rinchart and wiston

4. Kulkarni S. S. Introduction to Education Technology
5. Kuman K. L. (1966) Education Technology, new age international Pvt. Ltd.
6. Magal S. K. Education Technology
7. Mohanty J., (1992) Educational Technology Deep & Deep Publication New Delhi – 27
8. Sampat&oather (1981) Introduction of Educational Technology, Sterling Publication, New Delhi
9. Sharma A. R. (1981) Education Technology, Vinod PustalMandir, Agra
10. YeoleCima (1990) Educational Technology, Kolhapur
11. Mukhopadhyay M (1989), Educational Technology last year Book 1998
12. All India Association of Technology, New Delhi, Chawan S.S. 1978
13. A textbook programmed Instruction sterling publishers Pvt. Ltd. Delhi
14. ओक सुमन, शैक्षणिकतंत्रविज्ञान, श्री विद्या प्रकाशन
15. कुलकर्णी शरदकामत वसुधा, शैक्षणिकतंत्रविज्ञान, ए.आय.ए.ई.टी. एस. एन. डी. टी. मुंबई
16. जगताप ह. ना., प्रगत शैक्षणिकतंत्रविज्ञान, नूतन प्रकाशन, पुणे
17. पाटील प्रशांत, शैक्षणिकतंत्रविज्ञान
18. येवले सीमा (२००७) शैक्षणिकतंत्रविज्ञान आणि माहिती तंत्रविज्ञान, नित्यनूतन प्रकाशन, पुणे
19. सोनार मधुकर, आधुनिकज्ञानामध्येदृक्श्राव्य शिक्षण महाराष्ट्रविद्यापीठग्रंथनिर्मिती मंडळ, नागपूर
20. शेवतेकर शारदा, शैक्षणिकतंत्रविज्ञान आणि माहिती तंत्रविज्ञान
21. राव उषा १९८५ शैक्षणिकतंत्रविज्ञान, महाराष्ट्रविद्यापीठ, ग्रंथनिर्मिती मंडळ, नागपूर
22. सोनार मधुकर १९७० दृक् श्राव्य शिक्षण साहित्य तंत्र व पध्दतीगो. म. राणे प्रकाशन, पुणे
23. शिखरे व्ही. पी., पाटील बी. एम शैक्षणिक तंत्रविज्ञान, (जानेवारी २०११), फडके प्रकाशन, कोल्हापूर.

## Optional Course

### BED-IV-15.5: Environmental Education (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives : To enable the student–teachers to –**

1. Develop knowledge and understanding related to concepts of environment and Environmental Education.
2. Create awareness about the effect of environmental problems on human life amongs the secondary school students.
3. Understand co–relation between school subjects and environmental education.
4. Create awareness about effect of population explosion on environment amongst the S.S. students.
5. Create awareness amongs S.S. students to observe, identify and analyse the local environmental problems and suggest remmedial measures.
6. Role of teacher for developing knowledge and understanding amongs the Secondary School students for environmental management, environmental movements and laws of environmental conservation and pollution control with special reference to India.

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**Unit–I:ENVIRONMENTAL EDUCATION :**

- a) Concept & meaning of Environmental Education.
- b) Objectives, need, importance & scope of Environmental Education.
- c) Role of teachers in Environmental Education.
- d) Characteristics of Environmental Education Teacher.

## **Unit–II : METHODOLOGY OF ENVIRONMENTAL EDUCATION :**

- a) Strategies, curricular & co–curricular activities related to Environmental Education at secondary stage.
- b) Project method, Discussion, Problem solving method, Heuristic method, Exhibition.
- c) Disaster management: Floods, earthquake, cyclone, landslides, Tsunami.
- d) Population explosion: Causes and impact on environment with special reference to India.

## **Unit–III : ENVIRONMENTAL PROBLEMS & THEIR IMPACT ON HUMAN LIFE :**

- a) Problems related to pollution & it's effects on human health, control measures of:  
1. Air Pollution 2. Water Pollution 3. Soil Pollution
- b) Problems related to pollution & it's effects on human health, control measures of :  
1. Noise Pollution 2. Solid waste Pollution 3. .Radio active
- c) Development of awareness about environmental problems among
  - i) School pupils at secondary stage ii) Local community.
- d) Remedial measures of environmental problems.

## **Unit – IV : ENVIRONMENTAL MANAGEMENT :**

- a) Climate change, global warming, acid rain, ozone layer depletion, green house effect
- b) Environmental ethics: issue & possible solutions
- c) Environmental movements & project – Chipko, Apiko, silent valley, Ganga Action plan, Tiger project.
- d) 1) Water (Prevention of Pollution) Act.1974, 2) The Air (Prevention of Pollution) Act, 1981, 3) The Environmental (Protection) Act, 1986, 4) The wild life Protection Act, 1972

### **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**

- The students has to undertake **one** of the following practical and present the report

**(5 Marks)**

- 1) Study of Pollution (cause, effect & remedial measures) due to any one of the following: Industry, Vehicles, rituals, projects such as dairy, poultry, slaughter house, hospital wastes & reports.
- 2) Study of local environmental problems such as water , air , land & noise pollution.
- 3) Study of biotic and abiotic factors, food chains, food web & tropical level in any one of the following eco-system pond , river, garden , forest , grassland, cultivated fields & report.
- 4) Study of common plants, insects, birds of a locality.
- 5) Study of environmental problems of a locality, suggest solutions for it and report.
- 6) A visit to sanctuary, valleys, sea- shores & it's report.

### **LIST OF RECOMMENDED BOOKS**

#### **पर्यावरण शिक्षण**

- १) भांडारकर, के.एम. (२००८) पर्यावरण शिक्षण, नित्यनूतन प्रकाशन, पुणे.
- २) कुलकणी, डी.आर. (२००७) पर्यावरण शिक्षण, विद्या प्रकाशन, नागपूर.
- ३) सावंत प्रकाश (२००९) पर्यावरण शिक्षण , फडके प्रकाशन, कोल्हापूर.
- ४) पाटील धनराज , ढेरे अमर (२००९) पर्यावरण शिक्षण व अध्यापन पध्दती, फडके प्रकाशन, कोल्हापूर.
- ५) घाटे निरांजन (२००४) बोध पर्यावरणाचा, मेहता पब्लिकशन, पुणे.
- ६) UGC (2013) Textbook of Environmental studied for under graduate course, University Press. Hyderabad.
- 7) Abbasi S.A. (1998) Environmental Pollution and its control congent  
a. International P.B. 340 Pondechorry.
- 8) Desh Bandu (1999) Environmental Education – Indian Environmental Society .  
New Delhi.
- 9) Arunkumar (1999) Environmental Problems and Control (Vol. I , II ) Anmol  
Publication P. Ltd. New Delhi.
- 10) Dhaliwal G.S. Sandhu G. S. and Pathan P.K. (1996), Fundamental of  
Environmental Science , Kalyani Publishers. New Delhi.

- 11) Henvietta, Feck (1981) Introduction to Nutrition macmillian Publisher and Co. New York.
  - 12) Gupta N. L. , Gujar R.K. (1993) sustainable development Vol.I Tawar Publications , New Delhi
  - 13) Kamboji N.S. (1999) Control of Noise Pollution, Deep Publication, New Delhi.
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## Curricular Area –C: Engagement with the Field

### **B. Ed. Second Year: Semester IV**

#### **CURRICULAR AREA C: EPC**

#### **EPC 4: Reading and Reflecting on Texts (1/2)**

Credits: 02

Periods: 60

Maximum Marks: 50

Internal Assessment Marks: 50

University Assessment Marks: 00

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#### **Objectives: The objectives of the course are:**

1. To develop proper loud reading / reading skill /ability of students and also reading with comprehension.
2. To provide opportunities to student teachers to critically analyze and reflect on the given content and events.
3. To develop among student teachers an ability of creative thinking, divergent thinking and analytical thinking by making appraising arguments, interpretations, giving conjectures and offering justification.
4. To enable student teachers to logically draw conclusions and verify the correctness within the given premise of statements.
5. To foster an attitude of reading with pleasure for one's own self as well as for others.
6. Provide opportunities of reading, discussion, debate and interaction after reading at individual level or in groups.
7. To improve expression power and body language of students.
8. To motivate student teachers to write their thoughts in concise and precise manner through creative writing, summarization and reports.
9. To provide opportunities of cooperative learning and assisting each other to develop through group and individual activities.
10. To foster interaction through discussion in small groups by reading and writing questioning and reasoning.

11. To build confidence and team work enable to express as group leaders in school /community activities.
12. To develop interest in reading and writing in order to become lifelong readers, learners & writers.

### **Activities and Evaluation for Reading and Reflecting on Texts:**

A Teacher Education Institute (TEI) is supposed to organize various activities and events to attain the above mentioned broad objectives. The following is a list of some of the activities (suggestive but not exhaustive) those can be organized by the TEI through its teacher / mentor for student teachers.

(At least five activities among or like those enlisted be organized and marks out of 10 for an individual activity ( at most 50 in total) be awarded to each student teacher by the TEI as internal marks for the EPC course.

1. Loud reading / Reading with comprehension ( Marathi, Hindi, English)  
It is suggested to provide opportunities in all the three languages.
2. Book review/ oral presentation after reading of a book.
3. Presentation of text like a story / one act play/ drama/ event and questions on it.
4. Given an essay / story / text preparing questions and answers for scanning and skimming.
5. Giving same passage / content / dialogue to all students in a group and asking them to present it in a dramatized manner the best they can.
6. Giving a theme / central idea of an event / situation asking students to enlarge the idea by their creative thinking and reflect on each others' presentation.
7. Putting / presenting a poem / song / dialogue / video before students and questioning to interact.
8. Writing essay on a topic after collective discussion in groups.
9. Organizing brainstorming event / activity on a topic.
10. Organizing Group Discussion on a topic.
11. Making students to compulsory express on for and against of a debatable statement.
12. Providing written speeches / essays / policy document/ historical work/ narrations/ autobiography and asking student teachers to draft questions and ask each others in different groups.

13. Providing topic / title / beginning of a poem and asking students to complete it.  
Further analyzing some of the poems constructed by the students.
14. Create a conflicting situation / event and ask students to deal with it in a resolving and harmonious manner.
15. Organizing a psychology experiment on reasoning.
16. Discussion, debate based on reading of books.
17. Picture / Drama / story writing and presentation.
18. Reading and criticism on editorial articles of newspapers
19. Various types of report writing.
20. Organizing Role play / dramatization on a given text / content / situation.

**References/ Suggestive readings: (The list is only suggestive but not exhaustive)**

1. Harris Albert, how to increase reading ability Longmans, New York
  2. Thorndike E.L./ The Vocabulary of books of Children in Grade 3 to 8 /Teacher college Record, Vol-38, 1936-37
  3. Hue Edmund B. The psychology and pedagogy of Reading, The Macmillon co. New York 1908.
  4. Barn and Roe-Reading Activities for Today's Elementary Schools Rond Menolly college pub. co. chicago 1979.
  5. Ross D. Bondy, E. & Kyle D. (1993) Reflective teaching for student empowerment : Elementary curriculum and methods New York: Macmillan.
  6. Schon, D. A. (1983) The reflective practitioner: How professionals think in action. New York : Basic Books.
  7. Zeichener, K & O. Listion (1987) Teaching student teachers to reflect, HER, 57 1, pp 22-48
  8. Dewey, J. (1933) How we think. Boston L.D.C. Health.
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## Appendix D-01 Practice Teaching and Internship

### सरावपाठ नियोजन व शालेय आंतरवासिता

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क्रेडिट -२	गुण-५०	कालावधी : १०० तास
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उद्दिष्टे : छात्राध्यापकास....

१. प्रतिमानाचा वापर करून २ सराव पाठ पूर्ण करणे
२. ज्ञानसंरचनावादानुसार पाठनियोजन करून ४ सराव पाठ पूर्ण करणे.
३. शालेय आंतरवासिता, व अभ्यासक्रमासंबंधित प्रात्यक्षिके पूर्ण करणे.
४. शाळेतील विविध समितीपैकी एका समितीचा अभ्यास करणे.
५. शाळेतील पोषण आहार योजना अभ्यास करून अहवाल लिहणे.

कार्यानुभव विषयांतर्गत एका कृतीचे आयोजन करून एका वर्गासाठी वस्तूनिर्मिती प्रकल्प राबविणे.

**शालेय आंतरवासिता उपक्रमाचे स्वरूप :** या शालेय आंतरवासिता उपक्रमामध्ये ४ सरावपाठ माहिती तंत्रज्ञानाच्या आधारे पूर्ण करावयाचे आहेत. या सराव पाठाचे गुण सरावपाठासाठी नियोजित केलेल्या गुणांतुन द्यावेत. या सरावपाठा व्यतिरिक्त शाळेतील विविध समितीपैकी एका समितीचा अभ्यास, शाळेतील पोषण आहार योजना अभ्यास व कार्यानुभव विषयांतर्गत एकाकृतीचे आयोजन करून एका वर्गासाठी वस्तूनिर्मिती प्रकल्प राबविणे या उपक्रमांचा समावेश या शालेय आंतरवासितामध्ये करण्यात यावा.

#### मूल्यमापन:

- १) ज्ञानरचनावादानुसार ४ आणि प्रतिमानानुसार २ असे एकूण ६ सराव पाठ यांचे गुण सरावपाठाच्या गुणांपैकी देणे. (३० गुण)
  - २) शाळेतील विविध समितीपैकीएका समितीचा अभ्यास व अहवाल: (१० गुण)
  - ३) शाळेतील पोषण आहार योजना अभ्यास व अहवाल: (१० गुण)
-

# Appendix D-02: Models of Teaching Workshop

## अध्यापन प्रतिमान

क्रेडिट -१

गुण-२५

कालावधी : ५० तास

उद्दिष्टे : छात्राध्यापकास...

१. अध्यापनाच्या प्रतिमानांचा परिचय करून देणे.
२. अध्यापन पध्दती व प्रतिमान यातील फरक समजून घेण्यास मदत करणे.
३. प्रतिमानानुसार पाठ टाचण तयार करण्याची क्षमता विकसित करणे.
४. प्रतिमानाचा वापर करून अध्यापन करणे.

**योग्य कालखंड-** शालेय आंतरवासिता ( सत्र दोनमधील) कार्यक्रमाच्या अगोदर

**प्रात्यक्षिकासाठी पूर्वावश्यक भाग-**सूक्ष्म अध्यापन, सुटे सराव पाठ, आयसीटी पाठ, आशययुक्त अध्यापन पध्दती पाठ आणि सलग सरावपाठ पूर्ण झालेले असावेत.

**प्रात्यक्षिकासाठी आवश्यक आधारप्रणाली :** पाठयपुस्तके, शैक्षणिक साधने, प्रतिमानांच्या संरचना, प्रतिमानानुसार पाठ टाचणांचे नमुने, निरीक्षण नोंदतक्ते.

**प्रात्यक्षिकांसाठी पूर्वावश्यकतात्त्विक भाग:** कोर्स ७ व ८ मधील अध्यापन प्रतिमानसंबंधित आशय कार्यशाळेत व्याख्यानाद्वारा पूर्ण करण्यात यावा. या प्रतिमान कार्यशाळेत प्रामुख्याने अध्यापन प्रतिमानांची तात्त्विक माहिती अध्यापन प्रतिमान व अध्यापन पध्दती यातील फरक यावर दोन व्याख्याने नियोजित करावीत. त्यानंतर सामाजिक वर्तन, माहिती प्रक्रियाकरण व वर्तन परिवर्तन या कुलातील प्रत्येक गटामध्ये येणारी प्रतिमाने यांची उद्दिष्टे याही बाबींचे त्यावेळी अध्यापन करावे. या प्रात्यक्षिकांची सुरुवात व्याख्यानांनी होईल.

छात्राध्यापकांनी सामाजिक वर्तन, माहिती प्रक्रियाकरण व वर्तन परिवर्तन या कुलातील भूमिका पालन, संकल्पना प्राप्ती प्रतिमान, उद्गामी विचार, अग्रंत संघटक, स्मृती प्रतिमानया प्रतिमानापैकी किमान दोन प्रतिमानाची निवड करावी ही अपेक्षा आहे. या प्रत्येक प्रतिमानावर आधारित तात्त्विक माहिती पाठनियोजन, पाठनिरीक्षण यावर एकत्रित चर्चा व्हावी. त्यानंतर त्याच प्रतिमानावर आधारित किमान दोन प्रतिमानाचे दिग्दर्शित पाठ शिक्षक प्रशिक्षकाने कार्यशाळेत सादर करावेत. सादरीकरणानंतर प्रतिमान पाठ निरीक्षणावर चर्चा करावयास हवेत. त्यानंतर गटवार संबंधित प्रतिमानावर आधारित पाठनियोजन करावे. अध्यापनापूर्वी या अध्यापन प्रतिमान पाठांची पाठटाचणे काचफलकामध्ये लावून छात्राध्यापकांना लिहून घेणे सांगावे. याचप्रमाणे इतरही अध्यापन प्रतिमानाचे नियोजन करावे.

प्रतिमानाची निवड करून दोन पाठटाचणे तयार करून घ्यावीत. सोयीनुसार विद्यार्थ्यांना शाळेत पाठ घेण्यास सांगावे. (प्रत्येक अध्यापनपध्दतीचा एक) प्रतिमानानुसार घ्यावयाच्या पाठांची संख्या ही किमान संख्या आहे. यापेक्षा जास्त पाठ घ्यावयाचे स्वातंत्र्य विद्यार्थी शिक्षकास असेल.

**अहवाल लेखन :** अहवाल लेखनात प्रामुख्याने - अध्यापन प्रतिमानासंबंधित कार्यशाळेतील प्रत्येक प्रतिमानाची सैद्धांतिक माहिती, पाठनियोजन, ( दोन ) व स्वतःचे अनुभव समाविष्ट करावेत.

**मूल्यमापन :** अध्यापन प्रतिमान कार्यशाळेचे मूल्यमापन पुढील निकषाच्या आधारे करण्यात यावे.

अ.न.	मूल्यमापनाचे घटक	गुण
१.	प्रतिमान कार्यशाळेतील सहभाग	५

२.	गटवार चर्चेतील सहभाग	५
३.	पाठटाचण -अध्यापन पध्दती-१	५
४.	पाठटाचण -अध्यापन पध्दती-२	५
५.	अहवाल लेखन	५
	एकूण गुण	२५

## Appendix D-03: Constructivism Workshop

### ज्ञानसंरचनावाद कार्यशाळा

क्रेडिट – १

गुण: २५

कालावधी: ५० तास

#### उद्दिष्टे:

- छात्राध्यापकास ज्ञानसंरचनावाद संकल्पना समजून घेण्यास मदत करणे.
- ज्ञानसंरचनावाद गृहीतके व तत्चे समजून घेण्यास मदत करणे.
- ज्ञानसंरचनावाद अध्ययन अध्यावत प्रक्रियेसाठी आवश्यक भौतिक, आर्थिक आणि मानवी सुविधांची यादी समजण्यास मदत करणे.
- ज्ञानसंरचनावाद अध्ययन अध्यापन प्रक्रियेसाठी अध्यापक व विद्यार्थी भूमिका समजून घेण्यास मदत करणे.
- ज्ञानसंरचनावाद तंत्राचा प्रतिमानांचा परिचय करून घेण्यास मदत करणे.
- ज्ञानसंरचनावादानुसार पाठनियोजन करण्यास मदत करणे.

#### ज्ञानसंरचनावाद कार्यशाळा स्वरूप व कार्यवाही:

- कार्यशाळेच्या पहिल्या दिवशी ज्ञानसंरचनावाद संबोध व ओळख यावर आधारित एक व्याख्यान आयोजित करावे. यासाठी पूरकसाहित्यअगोदरच छात्राध्यापकास द्यावे व त्यावर चर्चा एकत्रित करावी. ब्रुनर, पियाजे, व्हायगोटरची उपपत्ती सैद्धांतिक भाग आदल्यादिवशी देवून कार्यशाळेच्या पहिल्या दिवशी त्यावर चर्चा करावी. ज्ञानसंरचनावादाचा काही मार्गदर्शक तत्वे व त्याचा अध्ययनासाठी संबंध यावर आधारित दुसरे व्याख्यान द्यावे. ज्ञानसंरचनावादाचा अध्ययन अध्यापन अभ्यासक्रम मापन यावर पडणारा प्रभाव यावर २ तास चर्चा करावी.
- कार्यशाळेच्या दुस-या दिवशी ज्ञानसंरचनावादी पाठयपुस्तके छात्राध्यापकास अभ्यासण्यास देवून कार्यशाळेच्या दुस-या दिवशी त्यावर आधारित चर्चा द्यावी. छात्राध्यापकाचे अध्यापन पध्दतीनुसार गट पाडून अभ्यासक्रम पाठयपुस्तक यातील बदलाबाबत गटकार्य द्यावेत. यासाठी ज्ञानसंरचनावादी दृष्टीने तयार केलेली व पाठयपुस्तके ज्ञानसंरचनावादावर आधारित नसलेली पाठयपुस्तके यांचा उपयोग करावा.
- कार्यशाळेच्या तिस-या दिवशी ज्ञानसंरचनावादी शिक्षक व विद्यार्थी भूमिका यावर चर्चेच्या स्वरूपातील १ तास व्याख्यान द्यावे त्यानंतर पुढील मुद्द्यावर गटकार्य द्यावे.
  - ज्ञानसंरचनावादी अध्ययन अध्यापन प्रक्रिया - भौतिक साधने
  - ज्ञानसंरचनावादी अध्ययन अध्यापन प्रक्रिया – शिक्षक तयारी
  - ज्ञानसंरचनावादी अध्ययन अध्यापन प्रक्रिया – विद्यार्थी तयारी
  - ज्ञानसंरचनावादी अध्ययन अध्यापन प्रक्रिया - शालेय नियोजन / वेळापत्रकया चर्चेनंतर अध्यापन पध्दतीनुसार गटवार प्रात्यक्षिक कार्य करावे. प्रत्येक विषयावर वरील मुद्द्यांनुसार आशय निवडून पाठाच्या आराखड्यास अनुरूप गटकार्य करून द्यावे.
- कार्यशाळेच्या चौथ्या दिवशी ज्ञानसंरचनावादी अध्ययन प्रक्रियेची वैशिष्ट्ये पारंपारिक अध्यापनापेक्षा असणारे वेगळेपण यावर प्रत्यक्ष दिग्दर्शन स्वरूपात रेकॉर्डेड पाठ यावर एकत्रित चर्चा करावी.
- कार्यशाळेच्या पाचव्या दिवशी ज्ञानसंरचनावादी पाठाचा आराखडा तयार करण्यासंदर्भात एकत्रित चर्चा करावी. पाठाचा आराखडा तयार करताना आशय, विषय, अध्ययन अनुभव, भौतिक सुविधा विद्यार्थी व शिक्षक भूमिका यावर चर्चा द्यावी. नंतर पाठाचा आराखडा यावर गटवार प्रात्यक्षिक कार्य करवून घ्यावे.
- कार्यशाळेच्या सहाव्या दिवशी दुस-या अध्यापन पध्दतीस अनुरूप पाठटाचण तयार करवून घ्यावे व त्यादिवशी अहवाल लेखनासंदर्भात मार्गदर्शन करावे.

#### ज्ञानसंरचनावादी अध्यापन कार्यशाळा मूल्यमापन: २५ गुण

- कार्यशाळेतील सहभाग ०४ गुण
- प्रथम अध्यापन पध्दतीचे पाठटाचण ०८ गुण
- द्वितीय अध्यापन पध्दतीचे पाठटाचण ०८ गुण
- कार्यशाळेचे अहवाल ०५ गुण

# Appendix D-04: Creativity & Personality Development

## As per Appendix B-05

### Appendix D-05 Seminar (चर्चासत्र)

क्रेडिट -१

गुण-२५

कालावधी : ५० तास

उद्दिष्टे : छात्राध्यापकास....

१. चर्चासत्र संकल्पना समजण्यास मदत करणे.
२. स्वतःचे अनुभव , निरीक्षण, भावना, यांचा विकास करून परिणामकारक सादरीकरण करण्यास मदत करणे.
३. इतरांच्या भावना समजावून घेणे व त्यांच्याबद्दल आपल्या मनात सन्मानाची भावना निर्माण करणे.
४. सहका-यांच्या भावना व त्यांच्या कल्पनांचा आदर करण्यास मदत करणे.
५. परस्परविरोधी विचार व इतरांचा दृष्टिकोन याबद्दल सहनशीलता विकसित करणे.
६. चर्चासत्रामध्ये विविध भूमिका वठविण्यास मदत करणे.

**चर्चासत्राचे स्वरूप :** चर्चासत्राचे आयोजन गटनिहाय करावे, चर्चासत्राबाबत माहिती स्वरूप, प्रकार कार्यवाही, भूमिका तसेच चर्चासत्रातील भूमिका, कार्यवाही याबाबतचे नियोजन प्राध्यापकांनी व्याख्यानाद्वारे एकत्रित सांगावी. चर्चासत्रामध्ये सहभागी विद्यार्थ्यांच्या भूमिका अगोदर निश्चित कराव्यात यामध्ये प्रामुख्याने संघटक , वक्ता , निरीक्षक व सहभागी यांचा समावेश असावा. चर्चासत्राचे विषय प्रामुख्याने बी.एड अभ्यासक्रमातील शैक्षणिक / सामाजिक विषयावर आधारित असावेत.

मूल्यमापन:

- |   |        |
|---|--------|
| १. पूर्वतयारी व आशयाचे लिखित नियोजन                   | १० गुण |
| २. प्रकटीकरण-ओघ, स्पष्टता, नियोजनबद्धता               | ५ गुण  |
| ३. माहितीतील अचूकता व विषयातील विविध मुद्द्याची सांगड | ५ गुण  |
| ४. विषयाचे समर्थन व दुस-यांच्या मतांचा स्वीकार        | ५ गुण  |

चर्चासत्र सहभागी झालेल्या छात्राध्यापकाने पूर्वतयारी मध्ये संकलित केलेली माहिती व अनुभव तसेच विषय सादरीकरण व शंकासमाधान याबाबत आलेले अनुभव अहवालाच्या स्वरूपात मार्गदर्शक प्राध्यापकांकडे जमा करावेत .



## Appendix D-06: Practical Submission&FinalLesson Examination

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क्रेडिट - ४

गुण-१००

कालावधी : १३० तास

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**Final Lessons Examination:** Annual lesson examination will be conducted after university declaration (after completion of 40 lessons and lesson observation) possibly in the month of February by college with prior permission of Solapur University.

The Examination will comprise of conduction two school lesson on the two pedagogic subject offered by the student –teacher. The evaluation of each lesson will be done by a pair of examiners –one internal and another external examiner. Each examiner will award marks out of 50 for each lesson. The university will convert the 100 marks awarded by each pair of examiners into 50. The total marks out of 100 for the lesson examination will be converted into grade.

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## AppendixD-07

### Viva-Voce

क्रेडिट -२

गुण-५०

कालावधी : २०

तास

This practicum carries 50 marks, 02 credits. The viva-voce is to be conducted for evaluation of work and achievement (within the year /Sem-III & Sem - IV) of every student, at the end of second year by a pair of examiners (one internal examiner and another external examiner) appointed by the university. The University /College should provide all students –teachers a list of practical's to be completed, compiled and filed in an order before appearing for the viva voce. The teacher education institution should have mechanism to verify the enlisted practical /documents/reports and attendance records before a student-teacher appears for the viva voce.

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## Nature of Question Papers (80 Marks)

Q.1) Multiple choice 16 questions	----- (16)
Q.2) A) Short Answer Type Question	---- (5)
B) Short Answer Type Question	---- (5)
Q.3) A) Short Answer Type Question	---- (5)
B) Short Answer Type Question	---- (5)
Q. 4) Answer the following questions (Any One)	---- (14)
1)	
2)	
Q. 5) Answer the following questions (Any One)	---- (14)
1)	
2)	
Q.6) Write Short notes on (Any Four)	----- (16)
1)	
2)	
3)	
4)	
5)	

**Notes:** Q.1 should have atleast 3 questions on each Unit 1, 2, 3 and 4.

: Q.2 and Q.3 should have one question anywhere from each Unit 1, 2, 3 and 4.

: Q. 4 and Q. 5 should have one question anywhere from each Unit 1, 2, 3 and 4.

: Q. 6 should have atleast one shortnote on each Unit 1, 2, 3 and 4

**Nature of Question Papers  
(40 Marks)**

Q.1) Multiple choice 8 questions	----- (8)
Q.2) A) Short Answer Type Question	---- (5)
B) Short Answer Type Question	---- (5)
Q. 3) Answer the following questions (Any One)	---- (10)
1)	
2)	
Q.4) Write Short notes on (Any Three)	----- (12)
1)	
2)	
3)	
4)	

**Notes:** Q. 1 should have atleast 2 questions on each Unit 1, 2, 3 and 4.

: Q.2 and Q.3 should have one question anywhere from each Unit 1, 2, 3 and 4.

: Q. 4 should have atleast one shortnote on each Unit 1, 2, 3 and 4/ balance with Q3

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**END**

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**Punyashlok Ahilyadevi Holkar  
Solapur University, Solapur**

# **Curriculum & Its Framework**

**FOR**

# **Bachelor of Education (B. Ed.)**

**FROM 2021**

**CBCS**

**WITH SKILL ORIENTATION COURSES**

# Objectives

**The General Objectives of the two year B. Ed. programme are:**

1. To develop among student-teachers the essential competencies of a teacher in order to develop an attitude towards becoming a committed and performance oriented teacher.
2. To equip the student-teachers through strong psycho-social foundation and with essential knowledge, skills and attitude so as to develop them as responsible teachers of the modern world.
3. To create awareness about national values enshrined in the Constitution of India, core elements, duties and responsibilities of a teacher and foster human rights, and the dignity of individuals.
4. To create awareness among student teachers about the socio-economic and political scenario of the society in order to understand need of inclusion of all sections of the society and importance of unity in diversity.
5. To develop scientific temperament, critical thinking, sense of appreciation and decision making among student teachers.
6. To sensitize students about emerging issues related to environment, gender equality, and technology use, legal provisions on education, rights and duties enshrined in the constitution of India.

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## **Punyashlok Ahilyadevi Holkar Solapur University, Solapur Curriculum & Its Framework for the Two Year Degree of Bachelor of Education (B. Ed.) from July 2021**

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- The regular full time course of Bachelor of Education (B. Ed.) is of two years duration.
- The course has been framed so as to satisfy the essential compliances of NCTE as per Nov.-Dec. 2014 Notification. It also has added features making the course relevant to global demands, and socio-cultural needs of the university and affiliated colleges.
- The university has adopted Choice Based Credit System (CBCS) and grading system along with continuous and comprehensive evaluation.
- **The B. Ed. curriculum comprises three broader areas:**
  - ❖ Perspectives in Education
  - ❖ Curriculum and Pedagogic studies
  - ❖ Engagement with the field
- The third area Engagement with the field comprises of understanding of and task related to the self (the student teacher), the child (that is the school pupil), the school and the community. It includes internship and four courses on Enhancing Professional Capacities (EPCs).
- The course curriculum is of 2400 marks, 2790 periods of work (assuming period of 50 minute), and 96 credit points divided over four semesters. The semester-wise distribution of marks, credits, internal assessment marks and university assessment marks is briefed in the following table:
  - **Medium of Instruction: Marathi**
  - Candidates may write the papers in examination and practical work in Marathi and English language. The language pedagogy shall be

- written in the relevant language. The question papers will be set only in English & Marathi language except Pedagogical school subject.

Sr. No.	Semester	Total Periods	Credits	Internal Assessment Marks	University Assessment Marks	Total Marks
1.	Year I, Semester I	680	23	415	160	575
2.	Year I, Semester II	610	24	310	290	600
3.	Year II, Semester III	840	25	425	200	625
4.	Year II, Semester IV	630	24	350	250	600
	<b>Total</b>	<b>2760</b>	<b>96</b>	<b>1500</b>	<b>900</b>	<b>2400</b>

**Note:** The periods for different practical(s) are allocated on the basis of nature of the practical. These periods are inclusive of teaching, learning and preparatory work. The semester-wise detailed framework is as follows:





**YEAR – I, SEMESTER – II**

<b>Course No.</b>	<b>Title of course</b>	<b>Total Periods</b>	<b>Credit</b>	<b>Internal Assessment Marks</b>	<b>University Assessment Marks</b>	<b>Total Marks</b>
<b>Curricular Area –A: Perspectives in Education</b>						
BED-II-04	Learning and Teaching	60	04	20	80	100
BED-II-05	Contemporary India and Education (Page No. 20)	60	04	20	80	100
<b>Curricular Area –B: Curriculum &amp; Pedagogic Studies</b>						
BED-II-06	Pedagogy of a School Subject One –Part I (Marathi/ Hindi/ English/ Mathematics, Urdu, Commerce)	30	02	10	40	50
BED-II-07	Pedagogy of a School Subject Two –Part I (General Science/ History/ Geography, Economics)	30	02	10	40	50
<b>Curricular Area –C: Engagement with the Field</b>						
<b>Enhancing Professional Capacities (EPC)</b>						
<i>EPC- 2</i>	Drama and Art in Education (1/2)	60	02	50	00	50
<b>Task Assignment and School Internship</b>						
<i>B-01</i>	Practice Teaching and Internship (Three Week i.e. 18 Days)	200	04	100	00	100
<i>B-02</i>	Lesson Planning Workshop	50	01	25	00	25
<i>B-03</i>	Workshop on Teaching Aids	30	01	25	00	25
<i>B-04</i>	Educational Tour	40	01	25	00	25
<i>B-05</i>	Creativity & Personality Development	30	01	25	00	25
<i>B-06</i>	*Viva Voce	20	02	00	50	50
<b>SemesterII Total</b>		<b>610</b>	<b>24</b>	<b>310</b>	<b>290</b>	<b>600</b>

<b>YEAR – II, SEMESTER – III</b>						
Course No.	Title of course	Total Periods	Credit	Internal Assessment Marks	University Assessment Marks	Total Marks
<b>Curricular Area –A: Perspectives in Education</b>						
BED-III-08	Knowledge and Curriculum –Part I (1/2)	30	02	10	40	50
<b>Curricular Area –B: Curriculum &amp; Pedagogic Studies</b>						
BED-III-09	Assessment for Learning	60	04	20	80	100
BED-III-10	Pedagogy of a School Subject One –Part I (Marathi/ Hindi/ English/ Mathematics, Urdu, Commerce)	30	02	10	40	50
BED-III-11	Pedagogy of a School Subject Two –Part I (General Science/ History/ Geography, Economics)	30	02	10	40	50
<b>Curricular Area –C: Engagement with the Field</b>						
<b>Enhancing Professional Capacities (EPC)</b>						
<i>EPC - 3</i>	<b>Skill orientation Courses (Any One)</b> (Each student will have to select one of skill orientation Course 1. Stress Management 2. The Art of Public Speaking 3. Psychological Testing and Assessment 4. Technology Embedded Teaching	60	04	100	00	100
<b>Task Assignment and School Internship</b>						
<i>C-01</i>	School Internship (Six Week i.e. 36 Days)	330	06	150	00	150
<i>C-02</i>	CCM Workshop	60	01	25	00	25
<i>C-03</i>	Evaluation Workshop	60	01	25	00	25
<i>C-04</i>	Action Research Workshop	60	01	25	00	25
<i>C-05</i>	Physical and Health Education	60	01	25	00	25
<i>C-06</i>	Critical Understanding of ICT (1/2)	60	01	25	00	25
<b>Semester III Total</b>		<b>840</b>	<b>25</b>	<b>425</b>	<b>200</b>	<b>625</b>

**YEAR – II, SEMESTER – IV**

<b>Course No.</b>	<b>Title of course</b>	<b>Total Periods</b>	<b>Credit</b>	<b>Internal Assessment Marks</b>	<b>University Assessment Marks</b>	<b>Total Marks</b>
<b>Curricular Area –A: Perspectives in Education</b>						
BED-IV-12	Gender, School and Society (1/2)	30	02	10	40	50
BED-IV-13	Knowledge and Curriculum –Part II (1/2)	30	02	10	40	50
BED-IV-14	Creating an Inclusive School (1/2)	30	02	10	40	50
<b>Curricular Area –B: Curriculum &amp; Pedagogic Studies</b>						
BED-IV-15	Optional Course (Electives- <b>any two</b> of the following)					
15.1	Educational Management.	60	02	10	40	50
15.2	Value Education	60	02	10	40	50
15.3	Guidance and Counseling.	60	02	10	40	50
15.4	Educational Technology	60	02	10	40	50
15.5	Environmental Education.	60	02	10	40	50
<b>Curricular Area –C: Engagement with the Field</b>						
<b>Enhancing Professional Capacities (EPC)</b>						
<b>EPC - 4</b>	<b>Reading and Reflecting on Texts (1/2)</b>	<b>60</b>	<b>02</b>	<b>50</b>	<b>00</b>	<b>50</b>
<b>Task Assignment and School Internship</b>						
D-01	School Internship (One Week)	100	02	50	00	50
D-02	Models of Teaching Workshop	50	01	25	00	25
D-03	Workshop on Constructivism	50	01	25	00	25
D-04	Creativity & Personality Development	25	01	25	00	25
D-05	Seminars	25	01	25	00	25
D-06	Lesson Examination Practical Submission	100 50	04	100	00	100
D-07	Viva Voce	20	02	00	50	50
<b>SemesterIV Total</b>		<b>630</b>	<b>24</b>	<b>350</b>	<b>250</b>	<b>600</b>
<b>Grand Total of all Semesters</b>		<b>2760</b>	<b>96</b>	<b>1480</b>	<b>920</b>	<b>2400</b>

## **For theory paper of 100 marks in Perspectives in Education & Curriculum and Pedagogic studies:**

- 80 marks are for University Assessment means assessment in / of theory papers through university examination.
- 20 marks are for Internal Assessment of theory courses by the College i.e. Assessment in which 10 marks are for Tutorial and 10 marks are for sessional work mentioned in syllabus of respective courses.

## **For theory paper of 50 marks in Perspectives in Education & Curriculum and Pedagogic studies:**

- 40 Marks are for University Assessment means assessment in / of theory papers through university examination.
- 10 Marks are for Internal Assessment of theory courses by the College i.e. Assessment in which 05 Marks are for Tutorial and 05 marks are for sessional work mentioned in syllabus of respective courses.

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## **Eligibility for Admission:**

**R. Ed. 1:** A candidate for the Degree of Bachelor of Education (B.Ed.) must be a graduate or post graduate of this University or of any other recognized University in any Faculty / subject such as Mathematics / Social Science (History, Geography, Economics, Political Science, Psychology, Philosophy, Education, Library Science) or Commerce / Management /Computer Science/ Information Technology/Medical Science/ Engineering or Humanities (all languages and literature) or Engineering or Law or Agriculture with minimum qualifying marks and condition as will be declared by the state government / affiliating body / University. In addition a candidate after graduation should have: –

**Eligibility for examination:** A student –teacher willing to appear for B. Ed. Examination is supposed to have completed theory and practical as prescribed in the respective terms. He /she must have completed the following for the award of B.Ed. degree:

- i. Kept four semesters of lectures on the theory and practice of Education in an institution / College of Education affiliated to this University for the purpose of B.Ed. degree, and
- ii. Completed a course of practical work, extending over four terms / semesters to the satisfaction of the Institution in which a candidate is studying, consisting of –
  - a) Attendance at demonstration lessons and discussion on lessons inclusive of Micro–lessons, Lessons based on Models of Teaching.
  - b) Observation & conduction of:
    - i) Micro–lessons – 10 (2 in each of the 5 skills including teach and re-teach out of the list of skills provided by the university)
    - ii) Integration lessons – 2
    - iii) Class room lessons / Practice lessons – 30
  - c) Teaching practice of 10 Micro teaching lessons and two integration lessons to be conducted in peer groups. Out of the 30 practice lessons; two lessons are to be based on Models of Teaching, four on CCM, four on constructivist strategies, 04 lessons on ICT integration. Remaining 16 general lessons be equally distributed in two pedagogic subjects. Out of these 16 general lessons, block teaching of 4+4 lessons on two pedagogic school subjects is desirable.
  - d) Attendance at Tutorials under examination conditions
  - e) Practical work under Engagement with the Field including the EPCs.
  - f) Organization and participation in various curricular and co-curricular activities spread over four semesters.
  - g) Completion of the Internship Programmes spread over four semesters
  - h) Appearance at practice teaching examination at the end of semester 4.
  - i) Appearance and passing for viva-voce at the end of semester 2 & 4.

j) Maintaining diary of day to day records of activities and participation along with observation of lesson/ micro lessons/ practice lessons/ demonstration lessons/ lessons conducted by school teachers etc.

k) Minimum attendance of 80% for theory periods / lectures and 90% for practical work/ internship/ community related activities is essential.

### **R.Ed.2 :**

The examination for the degree of B.Ed. will be conducted twice in a year & semester wise / at the end of semesters or as will be declared by the university / college / institution.

The examination for the degree of B.Ed. will be of 2400 marks on the three curricular areas.

### **Area A: Perspectives in Education**

#### **Part–I:University Assessment:**

University examination of theory Course under Perspectives in Education is of 350 marks in four semesters

#### **Part–II: Internal Assessment:**

Internal Assessment / Sessional work of theory papers - spread of all four semesters including tutorials and course related practical work- 100 marks.

### **Area B: Curriculum & Pedagogic Studies**

#### **Part–I:University Assessment:**

University examination of theory Course under Curriculum & Pedagogic Studies- of 350 marks in four semesters

#### **Part–II: Internal Assessment:**

Internal Assessment / Sessional work of theory papers - spread of all four semesters including tutorials and course related practical work- 100 marks.

### **Area C: Engagement with the field:**

#### **Part I: Enhancing Professional Capacities (EPC)**

Internal Assessment of EPC – Spread over all four semesters. Total 200 marks- 50 marks for each EPC

#### **Part II: School Internship**

## Internal Assessment of Internship - Spread over all four semesters.

### Total 400 marks.

School Internship (including Practice Teaching) 450 marks distributed over four semesters as follows:

Semester I	School Internship	50 marks
Semester II	School Internship	100 marks
Semester III	School Internship	200 marks
Semester IV	School Internship	50 marks

**Total = 400 marks**

### The distribution of marks for different types of practice lessons / lessons and internship activities is given in the following table:

Internship (250marks) + Practice Lesson (150 marks) = 400 marks

Semester	Marks		Marks	Credit
	Internship	Practice Lesson (No. of lessons)		
I	50	-----	50	2
II	60	40 (8)	100	4
III	70	80(16)	150	6
IV	20	30(06)	50	2
Total	200	150(30)	350	14

### Part III: Tasks and Assignments:

In task and assignments, there are following components:

1. Enriching teaching skills ( Sem I ) 150 marks
2. Lesson Planning workshop (Sem II) 25 marks
3. Social service distributed over two Semesters (Semester I and III) 75 marks
4. Seminar (Semester IV) 25 marks
5. Visit to Innovative Organization (semester I) 25 marks
6. Teaching aids workshop (Sem II) 25 marks
7. Action Research Project ( Semester III) 25 marks
8. Models of Teaching Workshop (Semester IV) 25 marks
9. Content Cum- Methodology (CCM) Workshop (SemIII)25 marks



10. Evaluation Workshop (Semester III)	25 marks
11. Educational Tour / Trip / Kshetrabhet (Semester II)	25 marks
12. Physical and Health Education ( Sem I & III)	75 marks
13. Constructivism Workshop ( Sem IV)	25 Marks
14. Creativity & Personality Development ( SemII & IV)	50 marks
<b>Total</b>	<b>= 600 marks</b>

#### **Part–IV: Viva voce (on curricular Area C):**

Viva voce will be conducted at the end of semester II and semester IV. It will be of 50 marks each for semester II (Sem-I & Sem –II Practicals) and semester IV (Sem-III & Sem –IV Practicals) . These marks will be considered in external examination / university marks for award of final letter grade for B. Ed. Degree.

#### **Part V: Practice Lesson Examination:**

Practice Lesson Examination organized by the university at the end of Semester IV. There will be two practice lessons- one for each pedagogic subject each of 50 marks, total 100 marks. These marks will be considered in internal examination / internal marks and will be converted into grades.

#### **R.Ed. 4 : Award of B. Ed. degree**

A candidate willing to appear for the Examination in Area A, area B, area C must apply to the Register through the Head of the Institution in which he / she has received training. The examination under various internal assessment work and practicum will be conducted by the Teacher Education Institute (TEI) in respective semesters only and the marks under the three areas will be conveyed to the Solapur University within due / stipulated time for respective semesters. The examination for all theory courses (Area A& B) will be conducted by the university in each semester. The B. Ed. course being of two year duration, two additional chances in the next two semesters (one year) will be given to the candidates who fail at the end of fourth semester.

The total marks under Area A and B for theory and university assessment are out of marks 1100. Along with these 1100 marks, the marks out of 100 in two viva-voces will also be considered for the award of final Letter Grade for B. Ed. degree.

Engagement with field totally carries 1300 marks. These are internal marks. The total marks under Area C (Engagement with the field) will be converted to grades separately and will appear in the final mark statement in the form of ‘Total Marks under ‘Engagement with the field’ and the respective grade of it.

The B. Ed. degree will be awarded to those students who pass in all areas, all parts in areas, as well as in all papers separately in the respective semesters.

**For passing, in University assessment theory papers 16 marks out of 40 marks and 32 marks out of 80 marks are essential in each theory papers separately and also along with aggregate 50% or more marks are essential under each part / area/course separately.**

## CREDIT AND GRADING SYSTEM

### (I) Award of Grade:

- (a) A student he/she shall be assigned a grade based on his/her combined performance in all components of evaluation scheme of a course as per the structure. The grade indicates an assessment of the student's performance and shall be associated with equivalent number called a grade point.
- (b) The academic performance of a student shall be graded on a ten point scale. The letter grades, the guidelines for conversion of Perspectives in Education & Pedagogic Studies marks to letter grades and their equivalent grade points shall be as shown in Table.
- (c) The letter grades, the guidelines for conversion of Engagement with the Field marks of semester I, II, III and IV to letter grades shall be as shown in Table.
- (d) The letter grades, the guidelines for conversion of Internal Assessment marks of semester IV marks to letter grades shall be as shown in Table.
- (e) The letter grades, the guidelines for conversion of Internal Assessment marks of all four semesters' marks to letter grades shall be as shown in Table.
- (f) A student shall pass the course if he/she gets any grade in the range from "O" to "C".
- (g) The student has to secure a minimum 4.0 Grade Points (Grade C) in each core course. A student who secures less than 4.0 points will be declared Failed in that head of passing.

### • Calculation of Performance Indices:

Semester Grade Point Average (SGPA) represents the performance of a student in a semester for which it shall be computed while Cumulative Grade Point Average (CGPA) represents the performance of a student cumulated over all semesters up to and including the semester for which it is computed. Both performance indices shall be on a scale of 10.

- **Conversion of Perspectives in Education & Pedagogic Studies courses (Area A and B) marks into Grades: (100 Marks Courses)**  
**10- Point scale for courses having passing criterion of 50%**

**Table**

Sr.	Range of Marks	Grade	Grade Point
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No.			
1	80-100	O: Outstanding/Excellent	10
2	75-79	A+: Very Good	09
3	70-74	A: Good	08
4	65-69	B+: Above Average	07
5	60-64	B: Average	06
6	55-59	C+: Satisfactory	05
7	50-54	C: Pass	04
8	00-49	F: Fail	00

- **Conversion of Perspectives in Education & Pedagogic Studies courses (Area A and B) marks into Grades: (50 Marks Courses)**

**10- Point scale for courses having passing criterion of 50%**

**Table**

Sr. No.	Range of Marks	Grade	Grade Point
1	43-50	O: Outstanding/Excellent	10
2	40-42	A+: Very Good	09
3	37-39	A: Good	08
4	34-36	B+: Above Average	07
5	31-33	B: Average	06
6	28-30	C+: Satisfactory	05
7	25-27	C: Pass	04
8	00-24	F: Fail	00

- **Conversion of Internal Assessment marks into Grades: (Area C) (375 Marks) (EPC and Engagement with the Field Courses for Semester I)**

**Table-**

Sr. No.	Range of Marks	Grade
1	338-375	O
2	319-337	A+
3	300-318	A

4	282-299	B+
5	263-281	B
6	226-262	C+
7	188-225	C
8	00-187	F

**F means fail in EPC and Engagement with the Field Courses**

- **Conversion of Internal Assessment marks into Grades: (Area C) (250 Marks)  
(EPC and Engagement with the Field Courses for Semester II)**

**Table-**

<b>Sr. No.</b>	<b>Range of Marks</b>	<b>Grade</b>
1	225-250	O
2	213-224	A+
3	200-212	A
4	188-199	B+
5	175-187	B
6	150-174	C+
7	125-149	C
8	000-124	F

- **Conversion of Internal Assessment marks into Grades: (Area C) (375 Marks)  
(EPC and Engagement with the Field Courses for Semester III)**

**Table-**

<b>Sr. No.</b>	<b>Range of Marks</b>	<b>Grade</b>
1	338-375	O
2	319-337	A+
3	300-318	A
4	282-299	B+
5	263-281	B
6	226-262	C+
7	188-225	C

8	00-187	F
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- **Conversion of Internal Assessment marks into Grades: (Area C) (300 Marks)**  
(EPC and Engagement with the Field Courses for Semester IV)

**Table-**

Sr. No.	Range of Marks	Grade
1	270-300	O
2	255-269	A+
3	240-254	A
4	225-239	B+
5	210-224	B
6	180-209	C+
7	150- 179	C
8	00-149	F

- **Conversion of Internal Assessment marks into Grades: (1300)**  
(EPC and Engagement with the Field Courses for All Semesters)

**Table-**

Sr. No.	Range of Marks	Grade
1	1170-1300	O
2	1105-1169	A+
3	1040-1104	A
4	975-1039	B+
5	910-974	B
6	780-909	C+
7	650-779	C
8	00-649	F

### **Calculation of Grade Point Average (GPA) for Area A & B**

- **Semester Grade Point Average (SGPA):**  
(a) The performance of a student in a semester shall be indicated by a number called SGPA.

(b) SGPA shall be the weighted average of the grade points obtained in all the core courses registered by the student during the semester.

**1. Grade Point Average at the end of Semester (SGPA):**

$$\text{SGPA} = \frac{(\text{G1} \times \text{C1}) + (\text{G2} \times \text{C2}) + \dots}{\sum \text{Ci}}$$

( $\sum \text{Ci}$  means total number of credits offered by the student during a semester)

**2. Cumulative Grade Point Average (CGPA):**

(a) An up-to-date assessment of the overall performance of a student for the core courses from the first semester onwards till completion of the program shall be obtained by calculating a number called CGPA.

(b) CGPA shall be the weighted average of the grade points obtained in all the courses registered by a student since the beginning of the first semester of the program.

$$\text{CGPA} = \frac{(\text{G1} \times \text{C1}) + (\text{G2} \times \text{C2}) + \dots}{\sum \text{Ci}}$$

( $\sum \text{Ci}$  means total number of credits offered by the student for the B.Ed. Course)

- C1 means credits allocated for paper I, C2 means credits allocated for paper II  
.....
- G1 means Grade Point scored in paper I, G2 means Grade Point scored in paper II  
.....
- **Conversion of average grade points into grades:**

The student's performance of course will be evaluated by assigning a letter grade on seven points scale as given below:

- **Letter Grade of the candidate based on CGPA in 10- Point:**

**Table-**

<b>SGPA/CGPA</b>	<b>Letter Grade</b>
9.5-10	O
8.5-9.4	A+
7.5-8.4	A

6.5-7.4	B+
5.5-6.4	B
4.5-5.4	C+
4.0-4.5	C
00-3.9	F

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**B. Ed. Second Year: Semester III**  
**Curricular Area A - Perspectives in Education**

**Course BED-III-08: Knowledge and curriculum Part-I (1/2)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives of the course:** Student- Teachers will be able to,

- 1) Understand the Epistemological concept of knowledge, structure, sources of knowledge
  - 2) Understanding the Scientific methods & its characteristics
  - 3) Understand the Meaning, Concept, emerging knowledge base in education.
  - 4) Understand the different ways of knowing process, Construction of knowledge.
  - 5) Understand the different aspect of knowledge
  - 6) Understand the Concept and need of Curriculum Framework.
  - 7) Understand the Site of Curriculum Engagement.
- 

**Unit-I: Epistemological and Social Basis of Education**

- a) Concept of knowledge, structure of knowledge
- b) Sources of knowledge
- c) Ways of acquiring knowledge
- d) Scientific method & its characteristics

**Unit-II: Evolving Knowledge Base in Education**

- a) Emergence of knowledge base in education.
- b) Knowing Process: Different ways of knowing process, Construction of knowledge
- c) Role of knower in knowledge transmission & Constructions.
- d) Aspects of Knowledge: Different aspect of knowledge & Relationship such as, Local & Universal, Concrete & Abstract, Theoretical & Practical, contextual & Textual, School & Out of School

**Unit – III: Curriculum Framework**

- a) Concept and need of Curriculum Framework
- b) Differentiating Curriculum Framework, Curriculum and syllabus, their significance in school educations.
- c) Aspects of Curriculum as reflected in NPE 1986.
- d) Silent features and implications of NCF-2005 and NCFTE-2014.

**Unit- IV: The Site of Curriculum Engagement**

- a) Curriculum Preparation: Factors in the curriculum, Role of nation, State, Teachers and students in preparation the curriculum



- b) Process of Curriculum construction: Criteria for selecting knowledge and representing knowledge, organising fundamental concept, selection and organisation of learning situations.
- c) Available infrastructures, Curricular sites and resources: Library, Laboratory, Schools, Social media, websites, School Playground and neighbourhood etc
- d) The ways of assessing the curriculum

**Sessional work:**

**(Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students may undertake any one of the following activities and present the report **(05 Marks)**
  1. Write project on sources of knowledge related to any school subject.
  2. Compare the curriculum framework NCF2005 and NEP 1986 and write report on it.
  3. Preparation for teaching a topic of any school subject with the help of text book, reference book.
  4. Study of Impact of Curriculum Engagement on Education-Interview of the Teacher/Experts in Education Field.

**References: (The references are suggestive. Teachers are advocated to identify, use such other and online resources.)**

- 1) Alexander, W. M., & Saylor, J. G. (1966). *Curriculum Planning for modern schools*. New York: Holt, Rinhart and Winston Inc.
- 2) Candra, A. (1977). *Curriculum Development and Evaluation in education*. New Delhi: Sterling Publishers.
- 3) Darji, D. R., & Lulla, B. P. (1967). *Curriculum development in secondary schools of Baroda*. Baroda: Sadhana Press.
- 4) Erickson, H.L.(2007) concept based curriculum and instruction for the thinking classroom California; corwin press
- 5) Erickson, H.L.(2007) concept based curriculum and instruction for the thinking classroom California; corwin press

## **B. Ed. Second Year, Semester III**

### **Course BED-III-09: Assessment for Learning**

Credits: 04

Periods: 60

Maximum Marks: 100

Internal Assessment Marks: 20

University Assessment Marks: 80

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**Objectives:** On completion of this course the student -teachers will be able to:

1. Understand the nature of assessment and evaluation and their role in teaching-learning process.
2. Understand the perspectives of different schools of learning on learning assessment.
3. Realize the need for school based and authentic assessment.
4. Examine the contextual roles of different forms of assessment in schools.
5. Understand the different dimensions of learning and the related assessment procedures, tools and techniques.
6. Develop assessment tasks and tools to assess learners performance
7. Analyze, manage, and interpret assessment data.
8. Analyze the reporting procedures of learners' performance in schools.
9. Develop indicators to assess learner's performance on different types of tasks.
10. Examine the issues and concerns of assessment and evaluation practices in schools.
11. Understand the policy perspectives on examinations and evaluation and their implementation practices.
12. Trace the technology based assessment practices and other trends at the international level.

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#### **UNIT I: Perspective of assessment and evaluation**

- a. Concept of Measurement Assessment and Evaluation.
- b. Types of Assessment.
- c. Steps of Assessment.
- d. Principles of Assessment and Evaluation.

#### **Unit II - Assessment of Learning**

- a) Assessment of cognitive learning.
- b) Assessment of affective learning.
- c) Assessment of performance.
- d) Use of different tools for assessment – Project, Portfolio assessment.

### **Unit III -Planning, Construction, Implementation and Reporting of Assessment**

- a) Planning of Assessment – objective and need.
- b) Procedure of assessment – Grading Procedure and Scoring Procedure.
- c) Implementation of assessment – Measures of Central Tendency (Mean, Median, Mode) and Measures of Variability and Types of Graphs.
- d) Concept and Need of Continuous and Comprehensive Evaluation

### **Unit IV - Issues, Concerns and Trends in Assessment and Evaluation**

- a) Existing practices - Constructivist approach of evaluation.
- b) Issues and problems, grading, credit system, choice based credit system.
- c) Impact of entrance test, Reforms in examination and evaluation.
- d) Trends in exam - Online examination, open book examination.

### **Sessional work: (Total 20 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(10 Marks)**

- The students will undertake **any two** of the following practical and present the report **(10 Marks)**

1. Data processing and interpretation of an achievement test (School subjects - according to method).
2. Preparation of assessment tool for - Upper primary, secondary or higher secondary level according to methods.
3. School visits followed by evaluation practices (CCE, Open Book examination, Online) in schools (Interview of class teacher).
4. Preparation of test paper on examination policy - Upper primary, secondary or higher secondary school.
5. Graphical Presentation of Data of One Class related any Subject.
6. Individual and Group Projects on Preparation of Question Paper for Use as Formative and Summative Assessment tool.

7. Developing the Portfolio of Student.

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**REFERENCES:-**

1. Bloom, B., Englehart M D, Furst E J, Hill W Hand Khrathwohl, D R (1956, 1964) Taxonomy of Educational Objective Handbook 1, Cognitive Domain, Handbook 2, Affective Domain, Longman London
2. Bransford, J., Brown, A.L., & Cocking, R.R. (Eds.). (2000). How people learn: Brain, mind, experience, and school. Washington, DC: NationalAcademy Press.
3. Buch, M Band Santharam M R (1972) Communication in Classroom, CASE, Faculty of Ed. & Psy. M 5 Univ. Baroda
4. Burke, K. (2005). How to assess authentic learning (4<sup>th</sup> Ed.). Thousand Oaks, CA: Corwin.
5. Burke, K., Fogarty, R., &Belgrad, S (2002). The portfolio connection: Student work linked to standards (2<sup>nd</sup> Ed.) Thousand Oaks, CA: Corwin.
6. Carr, J.F., & Harris, D.E. (2001). Succeeding with standards: Linking curriculum, assessment, and action planning. Alexandria, VA: Association for Supervision and Curriculum Development.
7. Danielson, C. (2002). Enhancing student achievement: A framework for school improvement. Alexandria, VA: Association for Supervision and Curriculum Development. Gentile, J.R. & Lalley, J.P. (2003). Standards and mastery learning: Aligning teaching and assessment so all children can learn. Thousand Oaks, CA: Corwin.

**मराठी संदर्भ ग्रंथ**

१. फाटक, माणिक (१९९९). शिक्षणातील परीक्षण आणि मापन, नूतन प्रकाशन, पुणे.
२. कदम, चा. प. व चौधरी, वा.आ. (१९९२). शैक्षणिक मूल्यमापन, पुणे.
३. बर्वे, मिनाक्षी व कुंडले, सुरेखा. (२००८). शैक्षणिक मूल्यमापन व संख्याशास्त्र. नित्य नूतन प्रकाशन, पुणे
४. उपासनी, ना.के.;जोशी, व. द. , वझे, ना.अ. (१९६६). शैक्षणिक मूल्यमापन तंत्र आणि मंत्र. नवमहाराष्ट्र प्रकाशन, पुणे.
५. वापट, भा.गो. (१९९२). मूल्यमापन व संख्याशास्त्र. विनस प्रकाशन, पुणे.
६. हकीम, प्रभाकर.(२००८). शैक्षणिक मूल्यमापन व संख्याशास्त्र. नित्य नूतन प्रकाशन, पुणे.

७. दांडेकर, वा.ना. (१९९९). शैक्षणिक मूल्यमापन व संख्याशास्त्र. श्रीविद्या प्रकाशन, पुणे.
  ८. वर्णे, मिनाक्षी (२०१०). शैक्षणिक मूल्यमापन व मूल्यनिर्धारण. नित्य नूतन प्रकाशन, पुणे.
  ९. वाम, राजश्री व कोल्हटकर, शीला.(२०१३). संपादक मैत्री ज्ञानसंरचनावादाशी. निराली प्रकाशन, पुणे.
  १०. भंगाळे, शैलजा व धांडे,पिंगळा. मूल्यनिर्धारण आणि मूल्यमापन. प्रशांत पब्लिकेशन.
  ११. धामणे, विजय. शैक्षणिक मूल्यमापन.ईन्साईट पब्लिकेशन, नाशिक.
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**B. Ed. Second Year: Semester III**

**CURRICULAR AREA B: PEDAGOGY COURSES**

**Course BED-III-10: Pedagogy of Marathi (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

**उद्दिष्टे:**

१. प्रशिक्षणार्थीमध्ये मातृभाषा अध्यापनाच्यानियोजनाचीक्षमताविकसितकरणे.
२. मातृभाषेच्या अध्यापनात मूल्यमापन तंत्राचा यथोचित वापर करण्यास मदतकरणे
३. मूल्यमापन पध्दती व प्रकार समजण्यास मदतकरणे.
४. मातृभाषा अभ्यासक्रम, पाठयक्रम, पाठयपुस्तक व आशय यांचा परस्पर संबंध समजण्यास मदत करणे.
५. मराठी भाषा पाठयपुस्तकाचेविविध प्रकारे आशय विश्लेषण करण्यास मदतकरणे.
६. मातृभाषा अध्यापनाची यथोचित साधने व अध्ययन अनुभूती समजण्यास मदतकरणे.
७. मातृभाषा वाङ्मय मंडळाची रचना व कार्य समजण्यास मदतकरणे.

**घटक : १ अध्यापनाचेनियोजन**

अ. वार्षिक नियोजन

ब. घटकनियोजन

क. दैनंदिन पाठनियोजन

ड. ज्ञानरचनावाद : संकल्पना, उद्दिष्टे, वैशिष्ट्ये, आणि मराठी अध्यापनातील उपयोगन

**घटक : २ अध्यापनाचे मूल्यमापन**

अ. मूल्यमापन संकल्पना व साकारिक आकारिक मूल्यमापन

ब. परीक्षांचे प्रकार, परीक्षांमधीलनवविचार प्रवाह : ऑनलाईन ओपन बुक, प्रश्नांचे प्रकार .

क. चाचण्यांचे प्रकार : संपादनूकचाचणी, घटकचाचणी, कृतीपत्रिका

ड. नैदानिककसोटी व उपचारात्मक अध्यापन : भाषिक कौशल्य –श्रवण, भाषण, वाचन, लेखन. क्षमता, त्रुटी

**घटक : ३ अभ्यासक्रम, पाठयक्रम, पाठयपुस्तक व आशय**

- अ. मराठी संरचना: स्वरूप व फायदे
- ब. अभ्यासक्रमाचा अर्थ स्वरूप व मूलतत्त्वे
- क. अभ्यासक्रम व पाठयक्रम यातील फरक व चांगल्या पाठयपुस्तकाचे निकष
- ड. आशय-संकल्पना व स्वरूप, आशय विश्लेषण

**घटक : ४ मातृभाषेच्या विविध अंगांचे अध्यापनवअध्ययन अनुभूती**

- अ) अध्ययन अनुभव : प्रत्यक्ष - अप्रत्यक्ष , शाब्दिक - अशाब्दिक
- ब) अभ्यासनुवर्ती उपक्रम : १. लेखन २. वाचन ३. गायन ४. पाठांतर ५. वक्तृत्व ६. भाषिक खेळ, प्रश्न मंजूषा, शब्दकोडी, भेंड्या ७. वाडू: मय मंडळ ९. वर्गवाचनालय १०. शब्दकोश ११. विश्वकोष १२. संदर्भ ग्रंथाचा उपयोग हस्तलिखित १४. नियतकालिक १५. बातम्या लेखन १६. शब्दांशी खेळूया, १७. जाहिरात लेखन
- क) व्याकरण: अध्यापन शास्त्रीय तोंडओळख- शब्दांच्या जाती, समास, अलंकार, वृत्ते, विभक्ती.
- ड) लेखन: अध्यापनशास्त्रीय तोंडओळख-पत्रलेखन, निबंध लेखन, सारांश, कल्पनाविस्तार, वृत्तांतलेखन.

**सत्रकार्य (गुण : १०)**

वर्गनिबंधासाठी दिलेले तीन प्रश्न शिक्षक प्रशिक्षकाकडून तपासून घ्यावेत. त्यापैकी कोणत्याही एक प्रश्न वर्गनिबंधासाठी परीक्षेच्या वातावरणात लिहून घ्यावा. (५ गुण)

खालीलपैकी कोणत्याही एका प्रात्यक्षिककार्याचा अहवाल सादरकरणे. (५ गुण)

१. माध्यमिक स्तरावरील एका पाठ्यपुस्तकाचे चिकित्सक परीक्षण करा.
२. मराठी भाषा अभिरूची संवर्धनासाठी उपक्रमांचे आयोजन करून वृत्तांत तयार करणे.
३. कृतीपत्रिका तयार करणे.
४. आय. सी. टी. च्या सहाय्याने एका सराव पाठ्याचे अध्यापन करून त्याचा अहवाल तयार करणे.
५. भाषा प्रयोगशाळेत एक प्रात्यक्षिक राबवून अहवाल तयार करणे.
६. ज्ञानरचनावादावर आधारित एक सराव पाठ टाचण तयार करून त्याचा अहवाल तयार करणे.
७. कोणत्याही एका इयत्तेसाठी नैदानिक चाचणीचा वापर करून त्यावर आधारित उपचारात्मक कार्यक्रमाचा अवलंब करून अहवाल तयार करणे.

**संदर्भग्रंथ :**

१. अकोलकर ग. वि., पाटणकर बा. वि. (१९७०) मराठी अध्यापन, व्हीनस प्रकाशन, पुणे.
२. बामणे विष्णू, बामणे लता, आशययुक्त अध्यापन पध्दती, नित्यनूतन प्रकाशन, पुणे.
३. बामणे लता, (२०१४), आशययुक्त अध्यापन पध्दती, फडके प्रकाशन, कोल्हापूर
५. करंदीकर सुरेश व मंगरूळकर मीना, (२०००) मराठी अध्यापन, फडके प्रकाशन, कोल्हापूर
६. कुंडले म. बा. , (१९८०), मराठी अध्यापन, पुणे
७. पाटणकर बा. वि., लिला पाटील, (१९७०), मराठी अध्यापन, व्हीनस प्रकाशन, पुणे.
८. गवस राजन, (१९९५), मराठीचे आशययुक्त अध्यापन, पुणे.
९. पाटील लीला, (१९९८), मातृभाषेचे अध्यापन व मूल्यमापन, व्हीनस प्रकाशन, पुणे
१०. आहरे मीना, (२००८), मातृभाषा मराठीचे आशययुक्त अध्यापन, नित्यनूतन प्रकाशन, पुणे
११. मुडेगांवकरगणेश, (२०१३), मूल्यमापनातील नवविचार प्रवाह, इनसाईट पब्लिकेशन, नाशिक
१२. बंडगर विलास, (२०१३), आशययुक्त अध्यापन पध्दती, प्रारूप पब्लिकेशन, कोल्हापूर
१३. बामणे लता, किडगांवकर विठ्ठल, (२०१७), भाषा अध्यापन शास्त्र, सुविचार प्रकाशन, पुणे

**Websites:**

8. [Teacher.net//lessonplan/subject/language](http://Teacher.net//lessonplan/subject/language)
9. [www.mymarathi.com](http://www.mymarathi.com)
10. <http://www.teachersvision.com/teaching>
11. [www.csun.edu](http://www.csun.edu)
12. other related webliography of language teaching



**B. Ed. Second Year: Semester III**  
**CURRICULAR AREA B: PEDAGOGY COURSES**

**Course BED-III-10: Pedagogy of Hindi (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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उद्देश्य : छात्रअध्यापको को / में....

१. भावी शिक्षकों में भाषा सौंदर्य के विकास में सहायता करना।
२. हिंदी अध्यापन का नियोजन तथा मूल्यांकन करने में सक्षम बनाना
३. हिंदी भाषा की संरचना समझ लेने में मदद करना ।
४. भावी शिक्षकों को हिंदी अध्यापन में सहायक सामग्री एवं भाषिक प्रवाह समझने में मदद करना ।
५. हिंदी भाषा शिक्षक में विशेष गुणों का विकास करना ।
६. हिंदी भाषा शिक्षक को निदानात्मक एवं उपचारात्मक शिक्षा का विकास करना ।

**प्रथम इकाई – हिंदी अध्यापन का नियोजन एवं मूल्यांकन**

१. भाषा का लहजा, शैली एवं बलाघात का स्वरूप तथा महत्व बोली और भाषा में अंतर इ.
२. हिंदी भाषा अध्यापन का नियोजन (वार्षिक नियोजन, घटक नियोजन, पाठ नियोजन)
३. मूल्यांकन प्रणाली का स्वरूप तथा महत्व (प्रश्न प्रकार, घटक कसौटी, निरंतर एवं सर्वकष मूल्यांकन)
४. वर्तमान युग में अनुवाद का महत्व एवं समाज के विभिन्न क्षेत्रों में उपयोगिता ।

**द्वितीय इकाई - भाषा शिक्षा के लिए सहायक सामग्री**

१. व्याकरण एवं रचना अध्यापन - महत्व, उद्देश्य, प्रकार, पद्धतियाँ ।
२. हिंदी भाषा मंडल/परिषद - स्वरूप महत्व एवं उपयोग, भाषा प्रयोगशाला आदि
३. भाषिक खेल - भाषा मंडल, हिंदी दिवस मनाना, भितीपत्रक ।
४. शब्दकोश – एवं संदर्भ ग्रंथोका महत्व।

**तृतीय इकाई - आशय विश्लेषण**

१. भाषा संरचना प्रकार तथा लाभ
२. पाठयचर्या एवं पाठयक्रम निर्माण के तत्व तथा विश्लेषण ।
३. पाठयपुस्तक – शिक्षक का मित्र महत्व, विशेषताएँ एवं आंतरिक एवं बाह्य गुण ।
४. भाषा एवं मूल्य शिक्षा, भाषा शिक्षामें जीवन कौशल्य की भूमिका ।

**चतुर्थ इकाई – हिंदी भाषा शिक्षक**

१. हिंदी भाषा शिक्षक की योग्यता एवम महत्व.
२. भाषा ज्ञान: हिंदी भाषा का भक्तिकाल (सुरदास, तुलसी कबीर) हिंदी भाषा के प्रतिनिधीक आधुनिक साहित्यीक (प्रेमचंद-उपन्यास, कहानी, कथा साहित्य, भूमिल, गोविंद मिश्र, मृदुला गर्ग, कृष्णा सोबती), हिंदी भाषा के छायावादी साहित्यीक (पंत, प्रसाद, निराला, हरवंशराय बच्चन, महादेवी वर्मा), हिंदी साहित्य के संक्षिप्त परिचय-प्रगतीवाद, प्रयोगवाद, आंबेडकरी साहित्य ।
३. हिंदी अध्यापको का व्यावसायिक विकास
४. हिंदी शिक्षक के गुण, हिंदी भाषा के प्रचार प्रसार में शिक्षक की भूमिका

**परियोजन (सत्र)कार्य:- (किसी दो विषयपर)**

**(५ मार्क्स )**

१. किसी एक घटक पर अधारित घटक कसौटी तैयार करें ।
२. हिंदी भाषा मंडल के किन्हों दो उपक्रमों का इतिवृत्त तैयार करे ।
३. किसी भी एक हिंदी साहित्यकार की दो रचनाओंपर आलोचनात्मक लेख लिखे ।
४. माध्यमिक या उच्च माध्यमिक स्तर की किसी एक कक्षाके की पाठयपुस्तक का मूल्यों एवं जीवन कौशल के आधारपर विश्लेषण करें ।

प्रपाठ के लिए दिए जानेवाले तीन प्रश्नोंमे से एक प्रश्न लिखना अनिवार्य हे ।

**(५ मार्क्स )**

**संदर्भ ग्रंथ सूची:**

१. खन्ना ज्योति (२००९), हिंदी शिक्षण, धनपतराय एण्ड कंपनी, दिल्ली
२. शर्मा डी. के. (१९९९), हिंदी शिक्षण विधियाँ, टण्डन पब्लिकेशन, लुधियाना
३. भाटिया के. के. और नारंग सी. एल. (१९८९) आधुनिक हिंदी विधियाँ, प्रकाश ब्रदर्स पब्लिकेशन, लुधियाना
४. प्रसाद केशव, (१९७६) हिंदी भाषा शिक्षण, धनपतराय एण्ड कंपनी दिल्ली
५. पठाण बी. बी. (२००८) हिंदी भाषा शिक्षण नित्यनूतन प्रकाशन, पूना
६. जीत, योगेद्र भाई (१९७२), हिंदी शिक्षण, विनोद पुस्तक मंदिर, आगरा
७. क्षत्रिय के (१९६८), मातृभाषा शिक्षण, विनोद पुस्तक मंदिर, आगरा
८. सूक्ष्म विजय (१९९७), हिंदी शिक्षण विधियाँ टण्डन पब्लिकेशन, लुधियाना
९. दुनाखे अरविंद, दुनाखे अंशुमती, (२००७), द्वितीय भाषा: आशययुक्त अध्यापन, नित्यनूतन प्रकाशन, पूना
१०. के.नी एस. आर., ह. कृ. कुलकर्णी (१९९२), हिंदी अध्यापन पध्दती
११. वास्कर आनंद, वास्कर पुष्पा (२००९) हिंदी आशययुक्त अध्यापन पध्दती, मेहता प्रकाशन, पूना
१२. वास्कर आनंद, वास्कर पुष्पा (२००२) शिक्षक प्रशिक्षण और हिंदी अध्यापन, मेहता प्रकाशन, पूना
१३. वास्कर आनंद, वास्कर पुष्पा (२००९) हिंदी आशययुक्त अध्यापन पध्दती, मेहता प्रकाशन, पूना
१४. वास्कर आनंद, वास्कर पुष्पा (२००२) शिक्षक प्रशिक्षण और हिंदी अध्यापन, मेहता प्रकाशन, पूना

Website :

1. हिंदी एक समृद्ध भाषा - Hindi webdunia.com/hindi/10809120046
  2. हिंदी भाषा का महत्व - <http://rajdpkz.wordprocess.com/tag/hindi/basha> ka maharashtra
  3. Teaching Hindi –[www.youtube.com/watch?2hxvidfkk](http://www.youtube.com/watch?2hxvidfkk)
  4. Hindi web Search
  5. www. Hindi.com.in
  6. <http://hi.wikipedia.org/wiki/hindi> (Hindi Bhasha)
  7. <http://www.avashy.com/hindi> bhasha
  8. [http:// hindi.webdunia.com/Hhindi-eassy](http://hindi.webdunia.com/Hhindi-eassy)
  9. [www.genextstudents.com/Hindi](http://www.genextstudents.com/Hindi) (Learn Hindi)
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**B.Ed. Second Year: Semester III**  
**CURRICULAR AREA B: PEDAGOGY COURSES**  
**Course BED-III-10: Pedagogy of English (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Course Objective: This course aims at enabling student teacher to**

1. Plan the annual plan, unit plan and different lesson plans.
2. Evaluate the outcome of teaching learning process.
3. Construct the unit test and diagnostic test.
4. Develop the sense of continuous comprehensive evaluation.
5. Be acquainted with the qualities, innovative practices , action research and role of English teacher in and outside of the classroom programmes.
6. Develop adequate skills in teaching of English
7. Understand conceptual knowledge of vowels, consonants, diphthongs and clusters.
8. Use proper pronunciation, stress and information fluently.

**Unit -1 Planning for learning and teaching subject of English.**

- a) Annual plan- Need, principles, significance and various aspects.
- b) Unit Plan- Need, aspects and significance.
- c) Lesson Plan-Prose Lesson Plan, Poetry Lesson Plan, Composition Lesson and Grammar Lesson Plan.

**Unit -2 Assessment of learning in the subject English**

- a) Concept of Evaluation
- b) Construction of Unit test and diagnostic test
- c) Concept of content cum methodology. Analysis of text book.
- d) Continuous and Comprehensive Evaluation (CCE ) in English.

**Unit-3 Professional development of English Teacher.**

- a) Essential qualities of English Teacher
- b) Awareness of innovative practices and action research of English

- c) Role of English teacher in the class room and outside of the classroom programmes.
- d) English Teacher organization

**Unit -4 Concept knowledge in the subject of English.**

- a) Vowels, Consonants, Diphthongs and Clusters.
- b) Pronunciation
- c) Stress and intonation.
- d) Figures of speech.

**Sessional Work:**

**(Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**

The students may undertake any One of the following activities and present the report. **(5 Marks)**

- 1) Prepare one unit test or diagnostic test and conduct that test in the classroom and analysis the result of student's score.
- 2) Prepare te report of first semester examination of any standard in school.
- 3) Conduct action research related to English subject and find out weak points of student's learning in the classroom.
- 4) Conduct the classroom activity of writing dialogues on given situations.

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1. Bisht, Abha Rani , (2005) -Teaching English I India , Vinod Pustak Mandir, Agra
2. Bhatia, K.T. (1986) -Teaching of English in India, Prakah publishers, Ludhian.
3. Bruce, J and Marsha Weil (1972).- Models of Teaching New Jersey Prentice Hall.
4. Bamane Vishnu and Bamane Lata (2014)- Modern Aspects of English Methodology, Wizcraft Publications and Distribution Pvt. Ltd., Solapur
5. Jain R.K. (1982) -Essential of English Teaching, Agra, Vinod Pustak Mandir.
6. Sharma T.R. and Bhargava, Rajshree (2005) - Modern teaching aids. Agra T.R. Bhargava Book House
7. Sharma R.A. (2004) - Fundamentals of Teaching English, Meerut, Surya Publication.

8. Tickoo, M.L. (2003) -Teaching and Learning English A Source Book for teacher and teacher trainers. , Hyderabad, Orient Longman.
9. Yadav R.N.S. (2002) - Teaching of English Chandigarh Abhishek Publications.
10. Pawar N.G.- Teaching English Language Pune- Nutan Prakashan.
11. Pawar N.G.- Theory and practices of Teaching English language – Pune- Nutan Prakashan
12. Gurav H.K. Teaching Aspects of English Language – Pune – Nutan Prakashan.
13. Suryavanshi G.H. – Content –cum-Methodology – English- Nashik- Suryavanshi.
14. Yardi V.V.- Teaching English in India- Aurangabad – Toda/ Parimal Prakashan.
15. Takpir, Dattatraya – English Language Education- Pune- Nitya Nutan Prakashan
16. Ambekar Shivaji- The Teaching of English Language – Pune Nitya Nutan Prakashan.
17. Penny Ur. Grammar Practice activities (1995) Cambridge University Press.
18. M. Gnanamurali- English Grammar at a glance (2008) S.Chand and Co. Ltd . Ram Nagar New Delhi
19. Raymond Murphy – Essential English Grammar (1999) Cambridge University Press.
20. Randolph Quirk and Sidney Greenbaum- A University Grammar of English (2001) Longman Pte. Ltd. Indian Branch , Delhi-110092
21. Joseph C.J.; E. G. Myall and A Biswas A comprehensive Grammar of current English Inter University Press Ltd. Educational publishers 30/7 Shakti Nagar, Delhi-110007
22. Krishna Mohan and Meera Banerji developing communication skills(1997) Rajiv Beri for Macmillan India Ltd. 2/10 Ansari Road, Daryaganj, New Delhi-110002
23. Mary spratt. English for the teacher a language development course(1996) Cambridge University Press.
24. J. Sethi and P.V. Dhamija – A course in Phonetics and Spoken English (2001) Prentice Hall of India, New Delhi- 110001
25. Grant Taylor – English conversation practice (1999) Tata Mcgraw – Hill Publishing Company Ltd. New Delhi.
26. Penny Ur. And Andrew wright Fine-minute activities a resource book for language teachers (1996) Cambridge University Press.
27. Dr.Pratibha Parashar – English teaching methods and techniques (2010) Aastha Prakashan, Jaipur.

- 28.** Arif Shuja – A course a spoken English (2012) A.P.H. Publishing Corporation, New Delhi-110002
  - 29.** Nitya Nand Sharma – Teaching of English (2010) Sahityagar Dhamani Street , Choura Rasta , Jaipur
  - 30.** Kamlesh sadanand and Susheela Punith Spoken English a foundation course (2008) Orient Longman Private Ltd. Hyderabad-500029
  - 31.** V. Sasikumar and P.V. Dhamija – Spoken English a self learning guide to conversation practice (2008) (Part-I , IV) Tata Mcgraw – Hill Publishing Company Ltd. New Delhi.
  - 32.** Diana Hopkins with Pauline Cullen Cambridge Grammar for IELTS with answers (2007) Cambridge University Press.
  - 33.** P.C. Wren and H. Martin – High School English Grammar and Composition (1984) S.Chand and Com. Ltd. Bombay.
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**B. Ed. Second Year: Semester III**  
**CURRICULAR AREA B: PEDAGOGY COURSES**  
**Course BED-III-10: Pedagogy of Urdu (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objective: To enable the student teacher to**

1. Get acquainted with procedures of year, unit and lesson planning.
2. Prepare plans by applying knowledge of planning.
3. To get feedback through using various evaluation tools.
4. Develop the skill of preparing lesson plan by using constructivist technique.
5. Prepare achievement test and diagnostic test administration of the test analysis of result and make suggestion for remedial teaching
6. Develop knowledge about basic principles acquainted construction of curriculum.
7. Critically evaluate the existing school syllabus review the textbook of Urdu.
8. Understand the multi role of teacher in the present context.
9. Acquainted with qualities & professional growth of Urdu teacher & help them in acquiring the same.
10. Acquire the knowledge of composition

**Unit – I Planning for learning and teaching of subject Urdu**

- a) Year plan.
- b) Unit plan.
- c) Planning of unit test.
- d) Lesson Plan, Types of lesson plan.

**Unit – II Assessment of learning in the subject Urdu**

- a) Concept of Evaluation and C.C.E. (Continuous competence evaluation)
- b) C.C.E. tools for assessment of learning in Urdu
- c) Construction of test item – types of question, essay type, short answer objective type.
- d) Construction of unit test, design and blue print, answer key, making scheme and item analysis, diagnostic test and remedial teaching .



### **Unit III – Curriculum Reforms in school**

- a) Structure of Urdu.
- b) Curriculum: concept and importance, curriculum framework of Urdu at school level according to NCF 2005 and SCF 2010.
- c) Syllabus – concept and principles, correlation of curriculum and syllabus at school level.
- d) Criteria of good text book and text book analysis.

### **Unit – IV Professional development of Urdu teacher and Research in the subject**

- a) Qualities, responsibilities, role of ideal Urdu teacher, contributing of different organization in professional development.
- b) Importance and activities of Urdu Teacher Association, Urdu Student Association, various Urdu Academics, Institutes, and Urdu University.
- c) Types of in-service programme for Urdu teachers; Journals and other resource materials in Urdu education, Professional growth - participation in conferences/seminars/workshops.

#### **Sessional Work:**

**(Total 10 Marks)**

1. The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
2. The students may undertake any One of the following activities and present the report. **(5 Marks)**
  - i. Collections of newspaper cutting related to Urdu issues and present the report.
  - ii. Critical analysis of any one text book for IX to XII
  - iii. Review of research articles from journals on Urdu education related to teaching and learning Urdu.

#### **Reference Books :**

- 1) Moinuddin, (1997), Urdu Zuban ki Tarbeat
- 2) Maulvi, Abul Hag (2001) Chand hamsafar
- 3) Moinnddin, (1998) Urdu Kaise Padahein.
- 4) Sayyed, Afzal Hyssian (2001) Fane taleem va tarbeat.
- 5) Mushtaque, Ahmed Shah “Urdu Tadrees” 2009, Amravati, AshharPublishers.

- 6) Mirza, Khalil Ahmed Baig “Urdu Zuban Ki Tarikh” 2007, Aligardh, Education Book House.
  - 7) Salim, Abdullah “Urdu Kaise Padhaen” 2007, Aligardh Education Book House.
  - 8) Khan, Md. Sharif “Taleem Aur Uske Usul” 2005, Aligardh, Education Book House.
  - 9) Moinuddin, “Hum Urdu Kaise Padhaen” 2004, New Delhi, Maktab Jamia, Limited.
  - 10) Siddique, Md. Akhtar Tadrise Ammozishi Hiqmat-e-Amliyaat” 2004, New Delhi Maktab Jamia, Limited.
  - 11) Salamat Ullah “Hum Kaise Padhaen” 2002, New Delhi Maktab Jamia, Limited.
  - 12) Jameel Jalbi “Tarikh-e-Adab Urdu” 2001 Delhi Educational Publishing House.
  - 13) Noorul Hasan Naqvi “Tarikhe Urdu Adab” 2001 Aligardh, Education Book House.
  - 14) Afzal Hussain “Fun-e-Talim-o-Tarbiyat” 1999, New Delhi Markazi Maktabe Islami Publisher.
  - 15) Md. Ikkramuddin “Talim-o-Taalum” 1993, New Delhi Maktab Jamia, Limited.
  - 16) Md. Ikramuddin “Mashqee Tadriess Kyon Aur Kaise” 1989, New Delhi Maktab Jamia, Limited
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## **B. Ed. SecondYear: Semester III**

### **CURRICULAR AREA B: PEDAGOGY COURSES**

#### **Course BED-III-10: Pedagogy of Mathematics (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objectives -To enable student-teacher to...**

1. Develop the necessary skill regarding planning of teaching of Mathematics at Macro-level and micro level.
2. Understand evaluation techniques in evaluating student's performance in Mathematics..
3. Construct appropriate assessment tools for evaluating Mathematics learning.
4. Analyze and evaluate the curriculum, syllabus, text-books and content of Mathematics.
5. Be acquainted with qualities and professional growth of teacher of Mathematics and help them in acquiring the same.
6. Be acquainted with teaching of various concepts in Geometry and Statistics.

#### **Unit I - Planning for Learning and Teaching Mathematics**

- a) Need, importance & various aspects of Year Plan.
- b) Need, importance & various aspects of Unit plan
- c) Steps of construction of Unit Test.
- d) Types of lesson plan-Stray, Revision, Review.

#### **Unit II - Assessment for Learning in the subject of Mathematics**

- a) Types of Assesment in Mathematics: CCE, Formative, Summative
- b) Types of examinations in Mathematics - Written, oral, practical.
- c) Types of tests - Diagnostic, achievement, criterion reference & norm reference test.
- d) Assening product V/s process, Knowing V/s doing.

#### **Unit III - Curriculum Reforms in School Mathematics.**

- a) Structure of Mathematics-Meaning, Importance
- b) Curriculum: Meaning, Principles of curriculum design.
- c) Relation between curriculum and syllabus, construction of syllabi in Mathematics
- d) Criteria of good textbook of mathematics, critical study of Mathematics text books of Std. VIII and Std. IX. Content analysis of Various topics in Mathematics.

**Unit IV –Mathematics Teacher and Teaching of various concepts in Geometry and Statistics.**

- a) Characteristics of Mathematics teacher, Mathematics Teacher Organization-concept, role, need and significance.
- b) Types of in-service programmes for Mathematics teachers; Professional growth of Maths Teacher-Participation in conferences/seminars/workshops
- c) **Teaching of Geometry:** Basic concepts in geometry, three stages of teaching geometry, Teaching of mathematical theorem based on Polygons and Circles, Congruency and similarity of triangles, Axioms of Euclidian Geometry, Co-ordinate Geometry, geometrical construction, Trigonometry.
- d) **Teaching of Statistics:** Tabulation and Graphical representation of Data, Measures of Central Tendency and Variability.

**Sessional work:** (Total 10 Marks)

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students may undertake any one of the following activities and present the report (5 Marks)
  1. Development of a  
learning aid on a topic in mathematics and the procedure for using it.
  2. An appraisal of in-service programme for mathematics teachers organized by some nodal institutions in the area/region.
  3. Writing report of participation in conferences/seminars/workshops in Mathematics.
  4. Preparation of set of  
examples / set of questions/ question bank on a topic of Mathematics.
  5. Construction of a unit test/ a diagnostic test /an achievement test in Mathematics.

6. Planning and implementation of diagnostic test & remedial instruction.
7. Organize one lesson on school with use of ICT and prepare the report.
8. Critical analysis of any text book of Mathematics from Std. VIII to X / Vedic Mathematics book.
9. Construction of appropriate test items to assess outcomes of learning mathematics

**Recommended Books / References -**

1. Aggarwal, S.M. (1990), '*A Course Teaching of Modern Mathematics*', New Delhi: Dhanpat Rai and Sons.
2. Arora, S.K. (2000). *How to Teach Mathematics*. New Delhi: Sterling Publishers Pvt. Ltd.
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- २) आपटे मोहन, (१९९३) **गणिताच्या पाऊलखुणा**, अश्वमेध प्रकाशन, डोंबिवली.
- ३) बापट, भा. गो. आणि कुलकर्णी के. व्ही, (१९८९) **गणित अध्ययन आणि अध्यापन**, व्हीनस प्रकाशन, पुणे.
- ४) बोर्दारडे अश्विन, बोर्दारडे कैलास, कस्तुरे जीवराज (२०१०), **गणित अध्यापन पध्दती**, फडके प्रकाशन, कोल्हापूर
- ५) गुर्जर ल. मा. (१९९७) '**कथा गणिताची**' मनोविकास प्रकाशन, पुणे.
- ६) गोडबोले अच्युत, 'ठाकूरदेसाई माधवी' '**गणिती**', राजहंस प्रकाशन, पुणे.
- ७) जगताप ह. ना, भिंताडे विनायक, आणि बोर्दारडे कैलास (१९९३), **आशययुक्त अध्यापन पध्दती**, आशय प्रकाशन, सोलापूर.
- ८) जगताप ह. ना. (१९९१), '**गणित अध्यापन पध्दती**', नूतन प्रकाशन, पुणे.
- ९) जगताप ह. ना. (२०१०) **गणित आशययुक्त अध्यापन पध्दती**, नित्यनूतन प्रकाशन, पुणे
- १०) देशमुख व. पा, (१९७२) **गणिताचे अध्यापन**, मॉडर्न बुक डेपो, पुणे .
- ११) यादव, अजिज (२००१) **गणित आशययुक्त अध्यापन पध्दती**, सन्मित्र प्रकाशन, कोल्हापूर.
- १२) शिंदे, किसन (२०१०) **नवविचार प्रवाहानुसार अध्ययन अध्यापन**, लक्ष्मी पब्लिकेशन, सोलापूर

Websites:

1. [http:// www. Mymaths.co.uk](http://www.Mymaths.co.uk)
  2. <http:// www.counton.org>
  3. [http:// www.mathforum.org](http:// <u>www.mathforum.org</u>)
  4. [http:// www.coolmath.com](http:// <u>www.coolmath.com</u>)
  5. [http:// www.algebrahelp.com/index.jsp](http:// <u>www.algebrahelp.com/index.jsp</u>)
  6. [http:// www.easymaths.org](http:// <u>www.easymaths.org</u>)
  7. [http:// www.mathcats.com](http:// <u>www.mathcats.com</u>)
  8. [http:// www.mathleague.com](http:// <u>www.mathleague.com</u>)
  9. <http://www.mathopenref.com>
-

**B. Ed. Second Year: Semester III**  
**CURRICULAR AREA B: PEDAGOGY COURSES**

**Course BED-III-11: Pedagogy of Science (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives -To enable student-teacher to...**

1. Develop the necessary skill regarding planning of teaching of Science at Macro-level and micro level.
2. Understand evaluation techniques in evaluating student's performance in Science..
3. Construct appropriate assessment tools for evaluating Science learning.
4. Analyze and evaluate the curriculum, syllabus, text-books and content of Science.
5. Understand the nature, characteristics, structure, importance and place of Sciences in the school curriculum.
6. Be acquainted with qualities and professional growth of teacher of Science and help them in acquiring the same.
7. Be acquainted with teaching of various concepts in Science.

**Unit I - Planning for Learning and Teaching Subject**

- a) Year plan.
- b) Unit plan.
- c) Planning of unit test.
- d) Lesson Plan, Types of lesson plan: Constructivist, CCM, Block Teaching, ICT.

**Unit II - Assessment of Learning in the subject Science**

- a) Concept of assessment.
- b) Types of examinations in Science - Written, oral, practical.
- c) Types of tests - Diagnostic, achievement, criterion reference & norm reference test.
- d) Formal Ways of Evaluation: Continuous and comprehensive evaluation in Science Assessing formative and Summative Evaluation.

**Unit III - Curriculum Reforms in School Science.**

- a) Structure of Science

- b) Curriculum: Meaning, Objectives of curriculum, principles for designing curriculum, designing curriculum at different stages of schooling
- c) Relation between curriculum and syllabus. construction of syllabi in various disciplines of Science
- d) Criteria of good textbook, critical study of Science books of secondary level. Content analysis: Pedagogical analysis of various topics in Science.

**Unit IV - Professional Development of Science Teacher and Teaching of Process in Science:**

- a) Characteristics of Science teacher, Science Teacher Organization- Concept, Role, need and significance.
- b) Types of in-service programme for Science teachers; Journals and other resource materials in science education, Professional growth.
- c) **Teaching of Various aspects** :Magnetism, sound, laws of motion, periodic table, types of chemical reaction,
- d) **Teaching of Various aspects**: Classification of plants and animal, photosynthesis, human body, health and hygiene, natural cycles.

**Sessional work:**

**(Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students may undertake any one of the following activities and present the report **(5 Marks)**
  - 1) Project on Scientific method and its application in Science.
  - 2) Construction of a unit test, a diagnostic test and an achievement test in Science Planning and implementation of remedial instructional strategies based on an analysis of students' responses to questions in a test.
  - 3) Organize one lesson on school of models of teaching and video recording the experiences.
  - 4) An appraisal of in-service programme for Science teachers organized by some nodal institutions in the area/region.



- 5) Writing report of participation in conferences/seminars/workshops in Science
- 6) Organize one lesson on school with use of ICT and prepare the report.
- 7) Critical analysis of any text book of Science from Std. VIII to X.
- 8) Construction of appropriate test items to assess outcomes of learning Science.

**Suggested Readings and References:**

- 1) Das. R. C. (1985), Science Teaching in School, Sterling Publishers Pvt. Ltd., New Delhi.
- 2) Gupta S. K. (1983), Technology of Science Education Vikas Publishing House Pvt. Ltd. New Delhi.
- 3) Mangal S. K. (1995), Technology of Physical and life science, AVG Book Depot, Karol Bagh.
- 4) Radha Mohan. (2004), Innovative Science Teaching For Physical Science – Prentice Hall of India Pvt. Ltd., New Delhi
- 5) Siddiqui N. N. and Siddiqui M. N. (1994), Teaching of Science today tomorrow, Doaba House, Nai Sarak Delhi
- 6) Sood J. K. (1987), Teaching of life science, Kohli Publishers Chandigarh.
- 7) Vaidya N. (1997), The impact of Science teaching oxford & IBH Publication Co. New Delhi
- 8) Bhatnagar S. S. (2004), Teaching of Science, R. Lal Book, Mirrut
- 9) Bhaskar Rao D. (2005), scientific attitude, Discovery Publication, Delhi.
- 10) Shirma R. C. (2002), Models of Science Teaching, Danpatrai Publication Delhi
- 11) National Council of Educational Research and Training. (1982), Teaching of Science in Secondary School, NCERT New Delhi
- 12) Krishnamacharylu V. Science Education, Neelkamal Publication Pvt. Ltd, Delhi
- 13) Rawat Hemant Teaching of Science
  - हकीम प्रभाकर- (२००१), विज्ञानाचे आशययुक्त अध्यापन, नूतन प्रकाशन, पुणे
  - बोदार्डे अधिन.(२००५), शास्त्र अध्यापन पध्दती, नूतन प्रकाशन, पुणे
  - डी. एस. रावत, विज्ञान शिक्षण, विनोद पुस्तक मंदिर, आग्रा-२
  - सोहनी जी. पी. (१९८६), शास्त्र कसे शिकवावे, निलकंठ प्रकाशन, पुणे
  - दाने हेमंत विज्ञान अध्यापन पध्दती, पिपळापुरे अँड कंपनी, नागपूर
  - मुळावकर संतोष, मुळावकर कल्पना, विज्ञान अध्यापन पध्दती, खंड १ ते ७ विद्या प्रकाशन, नागपूर

Websites:

- 1) [www.preserveartical.com /2612041630468/what is demonstration](http://www.preserveartical.com/2612041630468/what-is-demonstration)
- 2) <http://www.scienceproject.com>
- 3) [www.scienceprojectideas.com](http://www.scienceprojectideas.com)
- 4) [Science made simple.com](http://Science.made-simple.com)
- 5) Teaching-techniques for science-teacher ([www.csun.edu](http://www.csun.edu).)
- 6) [Teacher.net // lesson plane/subject/science](http://Teacher.net/lesson-plane/subject/science)
- 7) [http://www.teachersvision.com / teaching](http://www.teachersvision.com/teaching)
- 8) [methods /resource](http://methods-resource.com)
- 9) [www.academia.edu/387572/mind](http://www.academia.edu/387572/mind) mapping application with in special



## **B. Ed. Second Year: Semester III**

### **CURRICULAR AREA B: PEDAGOGY COURSES**

#### **Course BED-III-11: Pedagogy of History (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objectives -To enable student-teacher to...**

1. Develop the necessary skill regarding planning of teaching of History at Macro-level and micro level.
2. Understand evaluation techniques in evaluating student's performance in History.
3. Construct appropriate assessment tools for evaluating History learning.
4. Analyze and evaluate the curriculum, syllabus, text-books and content of History.
5. Appreciate the importance of History Room in learning History
6. Be acquainted with qualities and professional growth of teacher of History and help them in acquiring the same.
7. Understand the nature, characteristics, structure, importance and place of History in the school curriculum.
8. Be acquainted with teaching of various concepts in History and Civics.

#### **Unit I - Planning for Learning and Teaching of the Subject**

- a) Year plan.
- b) Unit plan.
- c) Planning of unit test.
- d) Lesson Plan, Types of lesson plan.

#### **Unit II - Assessment of Learning in the subject of History**

- a) Concept of assessment.
- b) **Types of examinations in History-** Written, oral, practical.
- c) **Types of tests** – Achievement, Diagnostic & remedial Teaching, criterion reference & norm reference test.

- d) **Formal Ways of Evaluation:**Continuous and comprehensive evaluation in History, Formative and Summative Assessment

### **Unit III - Curriculum Reforms in History& Civics at school level.**

- a) Concept of Content cum Methodology (CCM), Hierarchy & Structure of History & Civics.
- b) Curriculum: Meaning, Objectives of curriculum, principles for designing curriculum, designing curriculum at different stages of schooling.
- c) Relation between curriculum and syllabus, construction of syllabi in various disciplines of History and Civic, analysis of syllabus of history at secondary level.
- d) Criteria of good textbook, critical study of History books of Std. VIII and Std. IX. Content analysis.

### **Unit IV - Professional Development of History Teacher and Teaching of various aspects in History and Civics**

- a) Qualifications and qualities of History teacher, role of History teacher in developing interest towards history among the students.
- b) History teacher organization: Concept, Role, Need and Significance. Types of in-service programme for History. teachers; Journals and other resource materials in History education, Professional growth- participation in conferences / seminars / workshops
- c) **History:** India: Events after 1960, International Problems, United Nations Organization (UNO)
- d) **Civics:** Preamble of Indian Constitution, Directive Principles of Indian Constitution, Indian Democracy, election process, International Cooperation, Development of Human Rights.

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#### **Sessional work:**

**(Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**

- The students may undertake any One of the following activities and present the report

(5 Marks)

- 1) Construction of a unit test, a diagnostic test and an achievement test in History Planning and implementation of remedial instructional strategies based on an analysis of students' responses to questions in a test
- 2) Critical analysis of any text book of History from Std. VIII to X.
- 3) Construction of appropriate test items to assess outcomes of learning History.
- 4) Review of research articles from journals on History education related to teaching and learning of History.
- 5) An appraisal of in-service programme for History teachers organized by some Modal institutions in the area/region.

#### References Books –PAPER- VII- HISTORY METHODOLOGY

1. Agrawal J.C., Teaching of History – A Practical Approach, New Delhi : Vikas Publishing House Pvt. Ltd.
2. Arora A.K., Teaching of History.
3. Kochar S.K., Teaching of History, New Delhi : Sterling Publishers.
4. Ghate V. D. (1954) Teaching of History O.U.P Mumbai
5. Ballard. M. (1979), New Movement In Study Teaching History, temple smith, London
6. Koccher S. K., (1966), Teaching of History Sterling Publishers P.v.t. Ltd.
7. NCERT, (1970), Teaching History in secondary school publication, Delhi
8. Singh, D. R. (1959), The Teaching of History Civics, Jullundar University
9. Vajeswari, R.(1973), Hand book of History teacher, Allied Publication, Mumbai
10. NCERT and State text book of History at secondary level
११. करंदीकर सुरेश, २००७, इतिहास अध्यापन पध्दती, फडके प्रकाशपन, पुणे.
१२. दुनाखे अरविंद, २०००, इतिहासाचे अध्यापन, नूतन प्रकाशन, पुणे.
१३. तिवारी एस. एम. १९९९, इतिहास अध्यापन पध्दती, नूतन प्रकाशन पुणे.
१४. ओडेयार, सुशिला १९९४, आशययुक्त अध्यापन पध्दती, इतिहास, मेहता पब्लिकेशन, पुणे.
१५. वाजे एस. आर., २००२, इतिहासाचे अध्यापनशास्त्रीय विश्लेषण, आदित्य प्रकाशन, नाशिक.
१६. शिवाजी विद्यापीठ, कोल्हापूर १९९५, इतिहास अध्यापन पध्दती, शिवाजी विद्यापीठ, कोल्हापूर .
१७. शिंदे ज्ञानदेव आणि टोपकर रेखा, २००९, इतिहासाचे आशययुक्त अध्यापन, नित्यनूतन प्रकाशन पुणे.

#### Periodicals / Journals:

इतिहास शिक्षक हस्तपुस्तिका इयत्ता ५वी ते १०वी

इतिहास शिक्षक इतिहास महामंडळ महाराष्ट्र त्रैमासिक  
Educational Studies in History  
International Journal of History Education  
Journal of History

**Websites:**

- 1) [www.preserveartical.com /2612041630468/what is demonstration](http://www.preserveartical.com/2612041630468/what-is-demonstration)
  - 2) [http: //www. history project.com](http://www.historyproject.com)
  - 3) [www.historyprojectideas.com](http://www.historyprojectideas.com)
  - 4) Teaching-techniques for history-teacher ([www.csun.edu.](http://www.csun.edu))
  - 5) Teacher. net. // lesson plane/subject/history
  - 6) [http : //www.teachersvision.com / teaching](http://www.teachersvision.com/teaching)
-

**B. Ed. Second Year: Semester III**  
**CURRICULAR AREA B: PEDAGOGY COURSES**  
**Course BED-III-11: Pedagogy of Geography (Part – II)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives -To enable student-teacher to...**

- 1) Develop & understand the necessary skill, types regarding planning of teaching of Georphy at Macro-level and micro level.
- 2) Understand concept, techniques in evaluating student's performance in Geography.
- 3) Construct appropriate assessment tools for evaluating Geography learning.
- 4) Understand the concept of content cum methodology & acquainte the knowledge about preparation of subject structure & text book, unitanalysis .
- 5) Be acquainted with qualities, professional growth & role of Geography teacher in the present context.
- 6) Develop adequate skills in teaching Geography.
- 7) Be acquainted with teaching of various concepts in Geography.

**Unit I - Planning for Learning and Teaching Subject**

- e) Year plan –need, importance & various aspects.
- f) Unit plan- need, importance & various aspects.
- g) Planning of unit test.
- h) Lesson Plan, Types of lesson plan.

**Unit II - Assessment of Learning in the subject of Geography**

- a) Concept of Assessment.
- b) Types of examinations in Geography - Written, oral, practical.
- c) Construction of Test item-objective type questions, short and essay type questions, map drawing and reading skill.

- d) Role of diagnostic test and remedial teaching of Geography.

### **Unit III - Curriculum Reforms in School Geography**

- a) Concept of Content-Cum Methodology (CCM).  
b) Structure of Geography and analysis of curriculum, syllabus. Analysis of text book and one unit by CCM.  
c) Action research –Concept, Steps & Proposal of action research.  
d) Criteria of good textbook & critical study of Std. VIII and Std. IX Geography text books

### **Unit IV –Professional Development of Geography Teacher and Teaching of various concepts in Geography.**

- a) Essential qualities of Geography teacher, Role of Geography Teacher Organization for the professional growth of Geography teachers.  
b) Types of in-service programmes for professional growth of Geography teachers - like conferences, seminars, workshops, use of Journals, Internet.  
c) **Teaching of various concepts**  
1. Factors affecting on rock exfoliation  
2. Erosion by wind  
3. Use of Contour line  
d) Field study, map reading.

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#### **Sessional work:**

**(Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students may undertake any one of the following activities and present the report **(5 Marks)**
  - a) Preparation of a report of different activities of Geography club
  - b) Collection of newspaper cuttings related to Geographical issues and its report.
  - c) Preparation of a report on visit to some place of Geographical interest.



- d) Critical analysis of one text book of 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> standard.
- e) Interview of a senior Geography teacher of a school.
- f) Teaching of one unit of Geography – filling of an outline map by students and its report.

**1. List of Recommended Book**

2. Agarwal, D.D. (2000), Modern Method of Teaching Geography, Sarup & Sons Publisher, New Delhi.
3. Singh R. P. (2004), Teaching of Geography, R. Lall Book Depot., Meerut.
4. UNESCO (1965), Source Book of Teaching Geography, Thomson Press, New Delhi.
5. Guzjar R. D. (2001), A Handbook for Geography Teachers, ABD Publishers, Jaipur.
6. Association of Assistant Masters (1974), The teaching of Geography in school, her majesty stationary office London.
7. Britain Department of Education and science (1972), “New thinking in School Geography”, her majesty stationary office London.
8. Britain Ministry of Education (1960), Geography and Education, her majesty stationary office London.
9. Faizgrive (U.L.P.) : Geography in School.
10. Lopoll G.R.(1973) : The teacher of Geography Macmillan Education Ltd., London.
11. Morin John W (1968), Methods of Geographic instruction, Blasdell publisher company, Massachusetts.
12. Verma O.P. (1975) Geography Teaching sterling publisher, New Delhi.

१३. बापट बी. जी. १९६९, भूगोल अध्ययन अध्यापन, व्हीनस प्रकाशन, पुणे.

१४. पाटणकर ना. वि. १९५४, भूगोलाचे अध्यापन, मॉडर्न बुक डेपो, पुणे.

१५. पोंक्षे द. बा., भूगोल अध्यापन पध्दती, नूतन प्रकाशन, पुणे.

१६. साबळे शैलजा, दृष्टीक्षेपात स्पेशल मेथड भूगोल, नूतन प्रकाशन, पुणे.

१७. भट्टाचार्य जी. सी., भूगोल अध्यापन, विनोद पुस्तक मंदिर, आग्रा.

१८. सिंह एच. एन., भूगोल शिक्षण, विनोद पुस्तक मंदिर, आग्रा.

१९. शिंदे डी. बी., पाटील बी. एम. भूगोल आशय अध्यापन, फडके प्रकाशन, कोल्हापूर.

२०. जाधव एम. आर., भूगोल अध्यापन पध्दती चैतन्य प्रकाशन, पुणे.

२१. गोरे सुग्रीव श्रीमंत, उलभगत चंद्रकांत, भूगोल आशययुक्त अध्यापन, नूतन प्रकाशन, पुणे.
२२. प्रभुणे पद्मजा, भूगोल अध्ययन अध्यापन पध्दती, नूतन प्रकाशन, पुणे.
२३. पोंक्षे द. बा. भूगोलातील पाठयांश पध्दती एकात्मता, नूतन प्रकाशन, पुणे.

**Websites :**

1. <http://www.curriculumonline.in>
  2. <http://www.teachingideas.co.uk/geography.contents.com>
  3. <http://www.mapsofindia.com>
  4. <http://www.eduworldmap.com>
  5. <http://www.nationalgeographic.com/geobee>
  6. <http://www.earth.google.com>
  7. <http://www.geography.org.uk>
  8. <http://www.ncert.nic.in>
  9. <http://www.socialstudies.org>
  10. <http://www.cwrl.utexas.edu>
  11. <http://www.en.m.wikipedia.org>
-



**PUNYASHLOK AHILLYADEVI HOLKAR  
SOLAPUR UNIVERSITY,  
SOLAPUR**

**CURRICULAR AREA C: EPC  
SKILL ORIENTED COURSE FOR  
B.Ed. PROGRAMME  
(SEMESTER - III)**

**INTRODUCED FROM THE  
ACADEMIC YEAR**

**2021-22**

**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**SKILL ORIENTED COURSE FOR B.Ed. W.E.F. 2021-22**

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## **O. Ed.:**

- The regular fulltime Skill Oriented Course is of twelve week duration.
- The Skill Oriented course has been framed so as to satisfy the essential compliances of **National Education Policy (NEP): 2020 and University Grants Commission (UGC) notification.** Also has added features making the course relevant to global demands, and socio-cultural needs.
- The university has adopted Choice Based Credit System (CBCS) and grading system.
- The Skill Oriented course curriculum is of 100 marks, 60 periods of work (assuming period of 60 minute), and 04 credit points.

### **The General Objectives of Skill Oriented Course are:**

1. To increase the life coping skills and employment worthiness of the students.
2. Increasing the competitiveness of future teachers.
3. Closing the gap between skill required by the schools and skills people possess for employment generation.
4. To prepare Skillful teachers, administrators and supervisors for staffing of the Primary, Secondary and Higher Secondary schools.
5. To prepare professional personnel required for staffing of the Primary, Secondary and Higher Secondary schools.

### **O. Ed.: STANDARD OF PASSING**

- 1) To pass the Skill Oriented course examination, a candidate must obtain at least 50% marks in MCQ theory paper.
- 2) A candidate must obtain at least 50% marks in Activities or practical's.
- 3) A candidate must obtain at least 50% marks in Viva-voce. And 50% in the aggregate of all the MCQ theory paper, Activities or practicals and Viva-voce. Such a candidate shall be declared to have passed the examination.

- 20MarksforUniversityAssessmentmeans MCQ Theory paper.(Skill Oriented Course)
- 80Marks for Internal Assessment of Skill Oriented course by College Assessment in which 70 Marks are for Activities or practical's and10 Marks are for Viva-voce mention in the syllabus.

## CREDIT AND GRADING SYSTEM

### Award of Grade:

- (a) A student shall pass the course if he/she gets any grade in the range from "O" to "C".
- (b) The student has to secure a minimum 4.0 Grade Points Grade C) in Skill Oriented course. A student who secures less than 4.0points will be declared Failed in Skill Oriented course.

- **Conversion of Skill Oriented Course marks into Grades: 10-Point scale for courses having passing criterion of 50%**

**Table A**

<b>Sr. No.</b>	<b>Range of Marks</b>	<b>Grade</b>	<b>Grade Point</b>
1	80-100	O:Outstanding/Excellent	10
2	75-79	A+:Very Good	09
3	70-74	A:Good	08
4	65-69	B+:Above Average	07
5	60-64	B:Average	06
6	55-59	C+:Satisfactory	05
7	50-54	C:Pass	04
8	00-49	F:Fail	00

**Note: The Student shall appear any one course of the following four skill oriented courses.**

- 1. Stress Management**
- 2. The Art of Public Speaking**
- 3. Psychological Testing and Assessment**
- 4. Technology Embedded Teaching**

**PUNYASHLOKAHILYADEVIHOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**Skill Oriented Course w. e. f. 2021 - 22**

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**Title of the Course: Stress Management**

- Eligibility of the course : **B.Ed. Semester-III**
  - Total credit of the course : **04 Credit**
  - Total marks of the course : **100 Marks**
  - Weightage to practical work (marks) : **80 Marks**
  - Weightage to Theory work (marks) : **20 Marks**
  - Duration of the course : **12 weeks (60 Hours)**
- 

**Aim of the course:** To develop the skillful and Enrich stress management administrator.

**Learning Outcomes:** After Successful completion of this course, the students will be able to:

1. Understand the nature of stress.
  2. Comprehend the psychological and physiological effects of stress.
  3. Assess individual risk factors as related to stress (behavioral, emotional, physical, spiritual)
  4. Understand and learn how to use various techniques and determine the most appropriate method to aid in managing our reaction to stress.
  5. Develop the ability to tap personal strengths for preventing stress and achieving meaningful goals.
  6. Accept the responsibility of taking charge of your own levels of stress.
  7. Identify and understand the signs and symptoms of stress.
  8. Develop coping skills that will enable the student to control his/her level of stress.
  9. Learn apply stress management techniques in day to day life.
- 

**Course Content:**

**Module 01: Fundamentals of Stress Management**

- Stress: Meaning and Concept,
- Nature and Scope
- Differentiate term Pressure, Tension and Stress

**Module 02: Understanding the Stress Management Process**

- Human and Stress: Types of Stress
- Sources of Stress (Internal & External)
- Stress: Causes, Symptoms and Consequences

### Module03: Life Skill Education

- Life skill Education: Concept and Need
- Types of Life Skills
- Relation between Life Skill and Stress

### Module04: Strategy and Techniques of Stress Management

- Strategy of Managing Stress (Individual and Group)
- Stress reliving technique (Individual and Group)
- Laws of Stress less Life, Mental Exercises
- Stress Reliving Therapy

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**List of the Activities:** Following activities are used by teacher educator for implementation of the Skill- oriented course.

Sr. No.	Activities
01	Project related to Individual Hobby (Performing Stress Release)
02	Practices based on YOGA.
03	Sharing of self-experiences related to stress management and presentation of report in the group of three students.
04	Progressive muscle relaxation session and submission of report about its impact on individual performance. (Individual report should be submitted)
05	Technique to develop and strengthen your inner salience
06	Group Discussion on SWOT
07	Identify and Understand the personal reasons behind stress
08	Short-Term Stress-Relief Strategies You Can Do Anywhere
09	Talk and Walk Exercise
10	Identify your happy hour and do any activity and compare other hours activity.

**\* Teacher educator also may be uses different activities as per strategy and techniques of Stress management. This list is just for reference.**

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### Course Lay out

Week	Content	Place	Hours
Week 01	<ul style="list-style-type: none"><li>▪ Stress: Meaning and Concept,</li><li>▪ Nature and Scope</li></ul>	Classroom	05
Week 02	<ul style="list-style-type: none"><li>▪ Differentiate term Pressure, Tension and Stress</li><li>▪ Understanding the Stress Management Process</li></ul>	Classroom	05
Week 03	<ul style="list-style-type: none"><li>▪ Human and Stress: Types of Stress</li><li>▪ Sources of Stress (Internal &amp; External)</li><li>▪ Stress: Causes, Symptoms and Consequences</li></ul>	Classroom	05

Week 04	<ul style="list-style-type: none"> <li>▪ Life Skill Education: Concept and Need</li> <li>▪ Types of Life Skills</li> <li>▪ Relation between Life Skill and Stress</li> </ul>	Classroom	05
Week 05	<ul style="list-style-type: none"> <li>▪ Strategy of Managing Stress (Individual and Group)</li> <li>▪ Stress are living technique (Individual and Group)</li> </ul>	Indoor Stadium	05
Week 06	<ul style="list-style-type: none"> <li>▪ Laws of Stress less life Mental Exercises</li> <li>▪ Stress Reliving Therapy</li> </ul>	Indoor Stadium / Hall	05
Week 07	<ul style="list-style-type: none"> <li>▪ Project related to Individual Hobby (Performing Stress Release)</li> <li>▪ Practices based on YOGA.</li> <li>▪ Feedback on Discussion / Demonstration</li> </ul>	Indoor Stadium / Hall	05
Week 08	<ul style="list-style-type: none"> <li>▪ Sharing of self-experiences related to stress management and presentation of report in the group of three students.</li> <li>▪ Progressive muscle relaxation session and submission of report about its impact on individual performance. (Individual report should be s submitted)</li> <li>▪ Feedback on Discussion / Demonstration</li> </ul>	Indoor Stadium / Hall	05
Week 09	<ul style="list-style-type: none"> <li>▪ Technique to develop and strengthen your inner salience.</li> <li>▪ Group Discussion on SWOT</li> <li>▪ Identify your happy hour and do any activity and compare other hours activity.</li> <li>▪ Feedback on Discussion / Demonstration</li> </ul>	Indoor Stadium / Seminar Hall	05
Week 10	<ul style="list-style-type: none"> <li>▪ Identify and understand the personal reasons behind stress.</li> <li>▪ Short-Term Stress-Relief Strategies You Can Do Anywhere</li> <li>▪ Talk and Walk Exercise</li> <li>▪ Feedback on Discussion / Demonstration</li> </ul>	Indoor Stadium	05
Week 11	<ul style="list-style-type: none"> <li>▪ Practice and revision of assessment of Stress Management under the supervision of educator.</li> <li>▪ Evaluation Process includes:</li> <li>▪ Practical Activity</li> </ul>	Indoor Stadium / Seminar Hall	05
Week 12	<ul style="list-style-type: none"> <li>▪ Evaluation Process includes:</li> <li>▪ Practical Activity</li> <li>▪ Viva Voce</li> </ul>	Indoor Stadium	05
	<ul style="list-style-type: none"> <li>▪ Theory Test or exam</li> </ul>	Classroom	

### Evaluation system or process of the course:



Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course	20
02	Practical Activity evaluation	Strategy of Managing Stress (Individual and Group)	60
03	Practical Activity evaluation	Stress reliving technique (Individual and Group)	10
04	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

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- Murphy, J. & McMahan, I. (2000) The Power of Your Subconscious Mind
- National Institute for Occupational and Safety and Health (NIOSH) Publication, No. 2003-114d (DVD "Working with Stress"), 2002
- Secret of Concentration (DVD) Speaker- A.P.J. Abdul Kalam
- Developing Inner Strength: The Vivekananda Way (DVD) Ramkrishna Math, Pune
- Who Am I? (A Documentary Film on Personality Development) Ramkrishna Math, Pune
- गोर्लेशिवराज (२००९) मजेतजागावकसं? पुणे, ग्रंथायनप्रकाशन.
- गोर्लेशिवराज (२००९) मजेतरहावकसं? पुणे, ग्रंथायनप्रकाशन.
- सरश्री (२००७) स्वसंवादाचीजादूपुणे, तेजज्ञानप्रकाशन.
- सरश्री (२००७) विचारनियमपुणे, तेजज्ञानप्रकाशन.
- स्वामीसुबोधानंद (२००३) हेजीवनारीलाक्सप्लीजबंगलोर, सुधिन्द्रप्रकाशन.
- <http://www.mentalhelp.net>
- <http://www.mayoclinic.org>
- <http://www.helpguide.org>
- <http://www.onlyhealthy.com>

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**PUNYASHLOKAHILYADEVIHOLKAR SOLAPUR UNIVERSITY,  
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**Skill Oriented Course w.e.f. 2021 - 22**

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**Title of the Course: The Art of Public Speaking**

- |                                       |                       |
|---------------------------------------|-----------------------|
| • Eligibility of the course           | : B. Ed Semester III  |
| • Total credit of the course          | : 04 Credit           |
| • Total marks of the course           | : 100 Marks           |
| • Weightage to practical work (marks) | : 80 Marks            |
| • Weightage to Theory work (marks)    | : 20 Marks            |
| • Duration of the course              | : 12 weeks (60 Hours) |
- 

**Aim of the course:** To develop the public speaking skills and be a successful public speaker of any professional fields.

**Learning Outcomes:** After Successful completion of this course, the students will be able to:

- 1) Provide you with a basic background in the theories and principles of public speaking, as well as practical experience with the basic types of speeches.
- 2) Develop speech preparation and presentation techniques, audience awareness and self-awareness.
- 3) Gain confidence to speak publicly in a variety of situations.
- 4) Give you the opportunity to develop and strengthen skills in preparing and presenting public oral presentations in a variety of situations.
- 5) Gain confidence as a public speaker.
- 6) Develop an understanding of audience analysis.
- 7) Prepare successful messages and Develop effective delivery.
- 8) Increase understanding and integration off the basic principles practices and techniques of effective public speaking.
- 9) Explore principles of listening and perception in order to enhance speaking abilities.
- 10) Prepare student to deliver different types of speeches effectively.

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**Course Content:**

**Module 01: Intro to Public Speaking**

- Public Speaking: Meaning , Need and Importance
- Characteristics and principles of Public Speaking
- Factors affection on public speaking (Internal& External)
- Importance of Gestures & Body Posture.

## **Module 02: Script Writing and Delivery Aesthetics of Speech**

- Script Writing: meaning , Need and Importance
- Script Writing (Types & Techniques)
- Delivery: The Aesthetics of Speech.

## **Module 03: Voice and Public Speaking Activities**

- Voice: Importance of Tone & Speed
- Way and methods for improving voice quality
- Strategy for voice rehearsing & controlling
- Activities for endurance
- Activities for Stage courage

## **Module 04: References, Audience, Supporting Aids and Ethics of Public Speaking**

- References: Meaning, Need & Importance
  - Selection & Modification of References
  - Knowing Your Audience
  - Supporting Aids: Selection, Need & Importance
  - Ethics of Public Speaking
- 

**List of Activities:** Following activities should be conducted by teacher educator for implementing of the skills oriented course.

<b>Sr. No.</b>	<b>Activities</b>
01	The Speech of Introduction- Introduce yourself
02	The Speech of Introduction- Introduce another person
03	The Special Occasion Speech
04	Evaluation of a well known speaker
05	Conducting any one programme in a group of three students
06	Oral critiques of speeches in class
07	Field Experience- Speeches outside classroom
08	Qualitative analysis of any political leader speech
09	Professional Speech
10	Participation in Public Speaking Competition

\*Teacher educator also may conduct different activities as per availability; this list is just for reference.

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## Course Lay out

<b>Week</b>	<b>Content</b>	<b>Place</b>	<b>Hours</b>
Week 01	<ul style="list-style-type: none"> <li>• Public Speaking: Meaning , Need and Importance</li> <li>• Characteristics and principles of Public Speaking</li> </ul>	Classroom	05
Week 02	<ul style="list-style-type: none"> <li>• Factors affection on public speaking (Internal&amp; External)</li> <li>• Importance of Gestures &amp; Body Posture.</li> </ul>	Classroom	05
Week 03	<ul style="list-style-type: none"> <li>• Script Writing: meaning , Need and Importance</li> <li>• Script Writing (Types &amp; Techniques)</li> <li>• Any relevant activity (Planning , Execution, feedback, Report)</li> </ul>	Classroom	05
Week 04	<ul style="list-style-type: none"> <li>• Delivery: The Aesthetics of Speech.</li> <li>• Any relevant activity (Planning , Execution, feedback, Report)</li> </ul>	Classroom	05
Week 05	<ul style="list-style-type: none"> <li>• Voice: Importance of Tone &amp; Speed</li> <li>• Way and methods for improving voice quality</li> <li>• Strategy for voice rehearsing &amp; controlling</li> <li>• Any relevant activity (Planning , Execution, feedback, Report)</li> </ul>	Classroom	05
Week 06	<ul style="list-style-type: none"> <li>• Activities for endurance</li> <li>• Activities for Stage courage</li> <li>• Any relevant activity (Planning , Execution, feedback, Report)</li> </ul>	Classroom/ Field of study	05
Week 07	<ul style="list-style-type: none"> <li>• References: Meaning, Need &amp; Importance</li> <li>• Selection &amp; Modification of References</li> <li>• Any relevant activity (Planning , Execution, feedback, Report)</li> </ul>	Classroom	05
Week 08	<ul style="list-style-type: none"> <li>• Knowing Your Audience</li> <li>• Any relevant activity (Planning , Execution, feedback, Report)</li> </ul>	Classroom/ Field of study	05
Week 09	<ul style="list-style-type: none"> <li>• Supporting Aids: Selection, Need &amp; Importance</li> <li>• Any relevant activity (Planning , Execution, feedback, Report)</li> </ul>	Classroom	05
Week 10	<ul style="list-style-type: none"> <li>• Ethics of Public Speaking</li> <li>• Any relevant activity (Planning , Execution, feedback, Report)</li> </ul>	Classroom	05
Week 11	<ul style="list-style-type: none"> <li>• Practice and revision under the supervision of teacher educator</li> <li>• Any relevant activity (Planning , Execution, feedback, Report)</li> </ul>	Classroom/ Field of study	05
Week 12	<ul style="list-style-type: none"> <li>• Evaluation Process includes:               <ol style="list-style-type: none"> <li>1. Submission of reports of concerned activities.</li> <li>2. Viva Voce</li> </ol> </li> </ul>	Classroom	05
	<ul style="list-style-type: none"> <li>• Theory Test or exam</li> </ul>	Classroom	

## Evaluation system or process of the course:

Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course	20
02	Practical Activity Evaluation	Any Six activities	60
03	Practical Activity evaluation	Evaluation of a television personality	10
04	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

## References:

- Boone, Louis E., David L. Kurtz, and Judy R. Block. Contemporary Business Communication. Prentice-Hall, 1997.
- Carnegie, D. (1977) The Quick and Easy way to Effective Speaking. Pocket Books.
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- [www.en.wikipedia.org/wiki/public-speaking](http://www.en.wikipedia.org/wiki/public-speaking)
- [www.speaking-tip.com](http://www.speaking-tip.com)

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**PUNYASHLOKAHILYADEVIHOLKAR SOLAPUR UNIVERSITY,  
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**Skill Oriented Course w.e.f. 2021 - 22**

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**Title of the Course: Psychological Testing and Assessment**

- |                                       |                        |
|---------------------------------------|------------------------|
| • Eligibility of the course           | : B.Ed. Semester - III |
| • Total credit of the course          | : 04 Credit            |
| • Total marks of the course           | : 100 Marks            |
| • Weightage to practical work (marks) | : 80 Marks             |
| • Weightage to Theory work (marks)    | : 20 Marks             |
| • Duration of the course              | : 12 weeks (60 Hours)  |
- 

**Aim of the course:** To develop the skillful and Enrich psychological testing administrator.

**Learning Outcomes:** After successful completion of this course, the students will be able to:

1. Clarify the concept of Psychological testing.
  2. Justify the Difference between Psychological Assessment and Psychological Testing.
  3. Elaborate the Purpose and Characteristics of a Good of Psychological Testing.
  4. Justify Types or classification of Psychological Tests.
  5. Clarify concept of psychology test manuals and Validity, reliability of psychology tests.
  6. Elaborate administration and scoring system of psychological testing.
  7. Clarify Verbal, non-verbal, performance psychological tests and Explain Role of Administrator in Psychological test application.
  8. Administered the different psychological tests.
  9. Prepare the psychological test report and Give Feedback & counseling after psychological testing.
  10. Create or develop the skills essential for Psychological testing.
- 

**Course Content:**

**Module 01: Fundamentals of Psychological testing**

- Meaning of Psychological Testing
- Difference between Psychological Assessment and Psychological Testing
- Purpose of Psychological Testing
- Characteristics of a Good Psychological Test

**Module 02: Understanding the Psychological testing process**

- Types or classification of Psychological Tests
- Psychology Test Manuals: concept
- Validity and reliability of psychology tests



- Administration and scoring of Psychological testing
- Interpretation and conclusion of Psychological tests

### Module 03: Assessment of Psychological tests

- Different Verbal Psychology tests
- Different Non-Verbal Psychology tests
- Different Performance Psychology tests
- Cognitive, Emotional, Behavioral and Executive functioning ability Testing
- Role of Administrator in Psychological test application

### Module 04: Report writing of Psychological tests

- Ethics in Psychological testing
- Preparation of report of psychological tests
- Use of Technology in Psychological testing
- Feedback and counseling after psychological testing

**List of the Psychology Tests:** Following test are used by teacher educator for implementation of the skill oriented course.

Sr. No.	Verbal / Non verbal Tests	Performance Tests
01	Interest Inventory: Palsane	Alexander Pass along Test: Intelligence
02	Study habit Inventory: Palsane	Whipple's Cards: Imagination
03	Adjustment Inventory: Palsane	Kamat's Cards
04	Scientific Aptitude test: k.k.Aggarwal	Bhatia's Block Design Test
05	Teacher Value Inventory: S.P. Ahluwalia	Koh's Block Design Test
06	Creativity Test: Paasi	Minsota Block Packing Test
07	Non verbal group Intelligence test: A.O. Impisungha	Kamat's Cards
08	Mental Health Check list: P. Kumar	
09	Self Confidence Inventory: Gupta	
10	Reasoning ability test: I.N. Dubey	
11	Social Intelligence test: N.K. Chaddha & Usha Ganesan	
12	Education Aspiration Inventory: Pradeep Kumar	
13	Logical Thinking Test: S. Tiwari & S. Kumar	
14	Computer attitude test: Taheera Khatun & Manik Sharma	
15	Teaching Aptitude Test: Jai Prakash & R.P. Shrivastava	
16	Problem solving test: Paasi & Usha Kumar	
17	Socio Economic status scale: Bharadwaj	
18	Emotional Intelligence test: Hyde Pethe & Dhar	
19	Anxiety scale: A. Kumar	
20	Personality test: Medha Kumthekar	

\* Teacher educator also may be uses different psychology tests as per availability. This list is just for reference.

### Course Lay out

Week	Content	Place	Hours
Week 01	<ul style="list-style-type: none"> <li>• Meaning of Psychological Testing</li> <li>• Difference between Psychological Assessment and Psychological Testing</li> </ul>	Classroom	05
Week 02	<ul style="list-style-type: none"> <li>• Purpose of Psychological Testing</li> <li>• Characteristics of a Good Psychological Test</li> </ul>	Classroom	05
Week 03	<ul style="list-style-type: none"> <li>• Types or classification of Psychological Tests</li> <li>• Psychology Test Manuals: concept</li> <li>• Validation and reliability of psychology tests</li> </ul>	Educational Psychology Laboratory	05
Week 04	<ul style="list-style-type: none"> <li>• Administration and scoring of Psychological testing</li> <li>• Interpretation and conclusion of Psychological tests</li> <li>• Different Verbal Psychology tests</li> </ul>	Educational Psychology Laboratory	05
Week 05	<ul style="list-style-type: none"> <li>• Different Non-Verbal Psychology tests</li> <li>• Different Performance Psychology tests</li> <li>• Cognitive, Emotional, Behavior and Executive functioning ability Testing</li> <li>• Role of Administrator in Psychological test application</li> </ul>	Educational Psychology Laboratory	05
Week 06	<ul style="list-style-type: none"> <li>• Ethics in Psychological testing</li> <li>• Preparation of report of psychological tests</li> <li>• Use of Technology in Psychological testing</li> <li>• Feedback and counseling after psychological testing</li> </ul>	Educational Psychology Laboratory	05
Week 07	<ul style="list-style-type: none"> <li>• <b>Demonstration by Teacher Educator</b></li> <li>• Actual Administration of Test 01&amp; 02</li> <li>• Assessment of Test 01&amp; 02</li> <li>• Preparation of report Test 01&amp; 02</li> <li>• Feedback Demonstration of Test 01 &amp; 02</li> </ul>	Educational Psychology Laboratory	05
Week 08	<ul style="list-style-type: none"> <li>• <b>Demonstration by Teacher Educator</b></li> <li>• Actual Administration of Test 03 &amp; 04</li> <li>• Assessment of Test 03 &amp; 04</li> <li>• Preparation of report Test 03 &amp; 04</li> <li>• Feedback Demonstration of Test 03 &amp; 04</li> </ul>	Educational Psychology Laboratory	05
Week 09	<ul style="list-style-type: none"> <li>• <b>Demonstration by Teacher Educator</b></li> <li>• Actual Administration of Test 05 &amp; 06</li> </ul>	Educational Psychology	05

	<ul style="list-style-type: none"> <li>Assessment of Test 05 &amp; 06</li> <li>Preparation of report Test 05 &amp; 06</li> <li>Feedback Demonstration of Test 05 &amp; 06</li> </ul>	Laboratory	
Week 10	<ul style="list-style-type: none"> <li><b>Demonstration by Teacher Educator</b></li> <li>Actual Administration of Test 07&amp; 08</li> <li>Assessment of Test 07&amp; 08</li> <li>Preparation of report Test 07&amp; 08</li> <li>Feedback Demonstration of Test 07&amp; 08</li> </ul>	Educational Psychology Laboratory	05
Week 11	<ul style="list-style-type: none"> <li>Practice and revision of administration &amp; assessment of tests under the supervision of educator. <ul style="list-style-type: none"> <li>Evaluation Process includes: <ol style="list-style-type: none"> <li>Practical Activity</li> </ol> </li> </ul> </li> </ul>	Educational Psychology Laboratory	05
Week 12	<ul style="list-style-type: none"> <li>Evaluation Process includes: <ol style="list-style-type: none"> <li>Practical Activity</li> <li>Viva Voce</li> </ol> </li> </ul>	Educational Psychology Laboratory	05
	<ul style="list-style-type: none"> <li>Theory Test or exam</li> </ul>	Classroom	

### Evaluation system or process of the course:

Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course	20
02	Practical Activity evaluation	Verbal or Non-verbal Test Administration, Assessment (any Six test)	60
03	Practical Activity evaluation	Performance Test Administration, Assessment (any one test)	10
04	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

### References:

- Aiken, L.R. (1985) Psychological Testing and Assessment Bestion–Allwyn and Bacon.
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**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY,  
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**Skill Oriented Course w. e. f. 2021 - 22**

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**Title of the Course: Technology Embedded Teaching**

- Eligibility of the course : **B.Ed. Semester-III**
  - Total credit of the course : **04 Credit**
  - Total marks of the course : **100 Marks**
  - Weightage to practical work (marks) : **80 Marks**
  - Weightage to Theory work (marks) : **20 Marks**
  - Duration of the course : **12 weeks (60 hours)**
- 

**Aim of the course:** To develop the skillful and enrich Technology Embedded Teacher.

**Learning Outcomes:** After successful completion of this course, the students will be able to:

1. Explains the concept of Computer Network and internet
  2. Clarify the types, uses of Browser
  3. Understand meaning, elements and types of Multimedia.
  4. Be getting acquainted with developing multimedia and E-learning.
  5. Be getting acquainted with mobile learning and learning Management Systems.
  6. Understand the concept and use of Wiki, Blog, and Social Network.
  7. Understand the role of ICT in Assessment.
  8. Preparing a tool for creating e-portfolio.
  9. Understand the ways of creating electronic Content.
  10. Understand the use of various Google Apps.
  11. Understand the use of various online learning platforms.
- 

## **Course Content:**

### **Module 01: Computer – Network, Internet Software**

- Computer Network – LAN, WAN.
  - Internet – Concept, Accessing, Navigating, Searching, Selecting, Evaluating, Saving and Bookmarking Safe Practices.
  - Browser -Types, Uses, Plug-in and Extensions, Search Strategies.
  - Application Software and its educational applications, PDF Creator.
-

## Module 02- Multimedia and E-Learning

- Multimedia-Meaning, Elements, Types.
- Developing Multimedia, Tools for Creating and Using Multimedia.
- E-learning-Concept and Characteristics, Tools & Technologies.
- Mobile learning, Learning Management Systems (LMS)

## Module 03: ICT in Practice Lesson and Assessment

- Wiki, Blog, creating you tube channel, Social Network.
- Constructivist Learning and ICT, Project Based Learning, Virtual Field Trip.
- Role of ICT in Assessment, Computer Assisted Assessment.
- Tools for creating e-portfolio, Advantages of e-portfolio.

## Module 04: E-Content & Teacher Professional development

- Electronic Content- Designing and Development, Audio and Video-Creating and Editing. (OBS studio)
- Google Apps- Google form, Google Classroom, Google site.
- Teacher Professional Development – Concept, Online Learning Platforms -MOOCs, SWAYAM, Social Media, Web-conferencing.
- Online videos/Teaching channels, Teacher Portfolio, Teleconferencing – EDUSAT Experiment.

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### List of Activities:

Following activities should be conducted by teacher educator for implementation of the skill oriented course

Sr. No	Activity
1	Preparation of a power point presentation using online and offline references on a school topic and Create PDF document through various PDF creator.
2	Developing a multimedia e-content for any school subject.
3	Create multimedia presentation on any topic in education
4	Online Interview of computer hardware engineer/ICT specialist regarding Hardware planning, evaluation, maintenance and up gradation
5	A critical study of some e-learning courses and enrolling and completing some free e-learning courses
6	LMS experience- hands on various features of LMS
7	Creating account in wiki space/Wikipedia/media wiki and adding/editing content

8	Developing an educational blog in <a href="http://www.blogger.com">www.blogger.com</a> , or <a href="http://www.edublog.com">www.edublog.com</a>
9	Create you tube channel and upload your educational videos.
10	Use ICT for Constructivist Learning and Project Based Learning by selecting any topic.
11	Field visit to the EDUSAT or other ICT center and take part in teleconferencing
12	Organize web conferencing using Skype/Google+
13	Developing an electronic assessment portfolio
14	Preparation of an evaluation tool / Feedback form for online registration/feedback, Google form and Google Classroom with carrying various educational activities.
15	Prepare a list of Educational websites, Research papers etc. that are useful in Education.
16	Collection of e-resources and Reporting. (Text- Books, Articles, Reports, Theses; Audio and Video files related to education).

### Course Lay out

Week	Content	Place	Hours
01	<ul style="list-style-type: none"> <li>Computer Network – LAN, WAN.</li> <li>Internet – Concept, Accessing, Navigating, Searching, Selecting, Evaluating, Saving and Bookmarking Safe Practices.</li> </ul>	Classroom ICT Lab.	05
02	<ul style="list-style-type: none"> <li>Browser -Types, Uses, Plug-in and Extensions, Search Strategies.</li> <li>Application Software and its educational applications, PDF Creator.</li> </ul> <p><b>Any Relevant activity-</b>Planning, Execution, Report and Feedback.</p> <p>1. Preparation of a PPT</p>	Classroom ICT Lab	05
03	<ul style="list-style-type: none"> <li>Multimedia-Meaning, Elements, Types.</li> <li>Developing Multimedia, Tools for Creating and Using Multimedia.</li> </ul> <p><b>Any Relevant activity-</b>Planning, Execution, Report and Feedback.</p> <p>2. Developing a multimedia e-content for any school subject.</p> <p>3. Create multimedia presentation on any topic in education</p>	Classroom ICT Lab.	05
04	<ul style="list-style-type: none"> <li>E-learning-Concept and Characteristics, Tools &amp;Technologies.</li> <li>Mobile learning, Learning Management Systems (LMS)</li> </ul> <p><b>Any Relevant activity-</b>Planning, Execution, Report and Feedback.</p> <p>4. Online Interview of computer hardware engineer/ICT specialist</p>	Classroom ICT Lab	05

	5. A critical study of some e-learning courses 6. LMS experience- hands on various features of		
05	<ul style="list-style-type: none"> <li>Wiki, Blog, creating you tube channel, Social Network.</li> </ul> <b>Any Relevant activity</b> -Planning, Execution, Report and Feedback. 7. Creating account in wiki space/Wikipedia/media wiki 8. Developing an educational blog 9. Create you tube channel and upload your educational videos.	Classroom ICT Lab	05
06	<ul style="list-style-type: none"> <li>Constructivist Learning and ICT, Project Based Learning, Virtual Field Trip.</li> </ul> <b>Any Relevant activity</b> -Planning, Execution, Report and Feedback 10. Use ICT for Constructivist Learning and Project Based Learning 11. Field visit to the EDUSAT or other ICT center 12. Organize web conferencing using Skype/Google+	Classroom ICT Lab Field visit	05
07	<ul style="list-style-type: none"> <li>Role of ICT in Assessment, Computer Assisted Assessment.</li> <li>Tools for creating e-portfolio, Advantages of e-portfolio</li> </ul> <b>Any Relevant activity</b> -Planning, Execution, Report and Feedback 13. Developing an electronic assessment portfolio	Classroom ICT Lab	05
08	<ul style="list-style-type: none"> <li>Electronic Content- Designing and Development, Audio and Video-Creating and Editing. (OBS studio)</li> <li>Google Apps- Google form, Google Classroom, Google site</li> </ul> <b>Any Relevant activity</b> -Planning, Execution, Report and Feedback 14. Preparation of an evaluation tool / Feedback form	Classroom ICT Lab	05
09	<ul style="list-style-type: none"> <li>Teacher Professional Development – Concept, Online Learning Platforms -MOOCs, SWAYAM, Social Media, Web-conferencing</li> </ul> <b>Any Relevant activity</b> -Planning, Execution, Report and Feedback 15. Prepare a list of Educational websites, Research papers etc. that are useful in Education.	Classroom ICT Lab	05
10	<ul style="list-style-type: none"> <li>Online videos/Teaching channels, Teacher Portfolio, Teleconferencing – EDUSAT Experiment.</li> </ul> <b>Any Relevant activity</b> -Planning, Execution, Report and Feedback 16. Collection of e-resources and Reporting. (Text- Books,	Classroom ICT Lab	05



	Articles, Reports, Theses; Audio and Video files related to education).		
11	<ul style="list-style-type: none"> <li>Practice and revision of all assessment of Activities under the supervision of teacher educator.</li> <li>Evaluation Process includes:               <ul style="list-style-type: none"> <li>14. Practical Activities</li> </ul> </li> </ul>	Classroom ICT Lab	05
12	<ul style="list-style-type: none"> <li>Evaluation Process includes:               <ul style="list-style-type: none"> <li>15. Practical Activities</li> <li>16. Viva Voce</li> </ul> </li> </ul>	Classroom ICT Lab	05
	<ul style="list-style-type: none"> <li>Theory Test or exam</li> </ul>	Classroom	

### Evaluation system or process of the course:

Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course	20
02	Practical Activity evaluation	Any Seven Activities	70
03	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

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## Engagement with the Field

Semester –III

### Appendix C-01 Practice Teaching and Internship

क्रेडिट - 06

गुण- 150

कालावधी : 330 तास

उद्दिष्टे : छात्राध्यापकास....

१. विद्यार्थ्यांना सलग पाठ व चाचणीघेण्यास मदत करणे.
२. विद्यार्थ्यांना आशययुक्त अध्यापन पध्दतीने प्रत्येक अध्यापन पध्दतीचे प्रत्येकीदोन पाठघेवून परिणामकारकता तपासण्यास मदतकरणे.
३. विद्यार्थ्यांनीघेतलेल्या चाचणीतून प्रत्याभरणघेण्यास मदत करणे.
४. विद्यार्थ्यांना अभ्यासनुवर्ती उपक्रमघेण्यास मदतकरणे.
५. विद्यार्थ्यांना अध्यापन पध्दतीशी संबंधित प्रात्यक्षिक राबविण्यास मदत करणे.
६. आय.सी.टी. वर आधारित पाठघेण्यास मदतकरणे.
७. विद्यार्थ्यांना शैक्षणिक साधननिर्मितीकरून पाठघेण्यास मदत करणे.
८. सांघिक अध्यापन/सहकार्यात्मक अध्यापन/ क्रमान्वित अध्ययन / प्रोजेक्ट बेस्ड अध्ययनद्वारे पाठघेण्यास मदत करणे.
९. एकाविद्यार्थ्यांचा व्यक्ती अभ्यास करूनत्याचे संकलित नोंदपत्रक तयार करणे.
१०. विद्यार्थ्यांना विविध उपक्रमाचे आयोजन, नियोजन, जबाबदारी, भूमिका येणारे अडथळे, पर्यायी व्यवस्था याविषयी माहिती घेण्यास मदत करणे.
११. पेपर निहाय प्रात्यक्षिक पूर्णकरण्यास मदत करणे :

**छात्रसेवाकाल स्वरूप : १) पाठसंख्या :** या छात्रसेवाकाल १६ सराव पाठ घेणे.

**८० गुण.**

**पाठाचे प्रकार:** सराव पाठांचे गुण सरावपाठांच्या १५० गुणांपैकी दिले जातील

१. शालेयस्तरावरील विषयाचे आशययुक्त अध्यापन पध्दतीनुसार प्रत्येकी २ याप्रमाणे याप्रमाणे दोन अध्यापनपध्दतीचे ४ पाठ घेणे.
२. शालेयस्तरावरील विषयाचे अध्यापन पध्दतीनुसार प्रत्येकी ४ सलग सराव पाठ याप्रमाणे दोन अध्यापनपध्दतीचे ८ पाठ घेणे.
३. शालेयस्तरावरील विषयाचे अध्यापन पध्दतीनुसार प्रत्येकी २ आय.सी.टी. तंत्रज्ञानाचा वापर करून पाठ घेणे. याप्रमाणे दोन अध्यापनपध्दतीचे ४ पाठ घेणे.

**छात्रसेवाकाल स्वरूप : २)** पुढीलपैकी सर्व उपक्रम या छात्रसेवाकालात राबवावेत. या उपक्रमाचे विद्यार्थ्यांची उपस्थिती, सहभाग, पूर्वनियोजन व तयारी, उत्स्फूर्तता, अहवाल लेखन,सादरीकरण ०७पैकी गुण द्यावेत. (एकूण गुण : 70)

१. भाषिक कौशल्य विकसनासाठी इ. ५वी ते ९ वीच्या एका वर्गासाठी योग्यउपक्रमाची आवश्यक निवड करूनत्याचे नियोजन करावे. उपक्रमाची कार्यवाही करून उद्दिष्टे, नियोजन, पूर्वतयारी, अंमलबजावणी, यशस्वीता व मिळालेले प्रत्याभरण यावर अहवाल लिहावा उपक्रम राबविताना उपक्रमनिवड कार्यवाही याबाबत आवश्यकतेनुसार मार्गदर्शकांनी सूचनाद्याव्यात.
२. प्रोजेक्ट बेसड् लर्निंग/सांघिक अध्यापन/सहकार्यात्मक अध्यापन/आयसीटीवर आधारित पाठचेनियोजनकरण्यासाठीइ.५वी ते ९ वी पर्यंतच्या वर्ग निवडावा व गटनिहाय किंवा पाठघेवूनत्यावर आधारित वृतांत लिहावा. शाळेतील एका अनुभवीशिक्षकांच्या पाठचेनिरीक्षणकरणेतसेच सहाध्यायाच्या पाठचेनिरीक्षणकरणे व त्यांच्या योग्यनोंदीकरणे.
३. समाजसेवा/आर.एस.पी./गर्ल गाईड/स्काऊट/आपत्ती व्यवस्थापन याबाबतएका उपक्रमाचे आयोजनकरून कार्यवाहीचा वृतांत लिहिणे.
४. विद्यार्थी शिक्षकांनी एका मानसशास्त्रीय कसोटीची निवड करून एका वर्गावर इ. ८वी किंवा ९वी राबवावी. कसोटीचे विश्लेषण करून त्याचा वृतांत लिहावा.
५. विद्यार्थी शिक्षकांनी एका अभ्यासनुवृती उपक्रमांचे नियोजन करावे. सहा आठवडयाच्या शालेय अनुभवाच्या कालावधीत येणारे विशेष दिन, दिनविशेष यांचे ही आयोजन करता येईल. अभ्यासनुवृती उपक्रमाचा उद्देश, पूर्वतयारी, नियोजन, कार्यवाही यशस्वीरित्या यावर अनुभव वृतांत लिहावा.
६. शाळेतील एका विद्यार्थ्यांचा व्यक्ती अभ्यास करून त्याचे सकलित नोंदपत्रक तयार करावे.
७. शाळेतील एका वर्गासाठी सर्वकष सात्यपूर्ण मूल्यमापन साधनांपैकी एक साधनांची निवड करावी एका वर्गातील विद्यार्थ्यांचे त्या साधनाद्वारे मूल्यमापन करून अहवाल लेखन करावे .
८. विद्यार्थी शिक्षकांनी एका इयत्तेचा अध्यापन पध्दतीनुसार आशय निवडून त्यासाठी लागणा-या शैक्षणिक साधनाचा वापरकरूननिर्मितीकरावी. शैक्षणिक साधनाचा वापरकरूनत्याची परिणामकारकता तपासून अहवाल लिहावा.
९. परिपाठ अथवा तणाव व व्यवस्थापन कार्यक्रमाचे आयोजन करून प्रत्यक्ष कार्यवाही करून त्यावर अहवाल लिहावा.
१०. आपल्या अध्यापनपध्दतीनुसार अवांतर माहिती व कौशल्य विकासासाठी राबविण्यात येणा-या एका उपक्रमाची निवड करा व प्रत्यक्ष कार्यवाही करून त्यावर अहवाल लिहावा.

## Appendix C-02: Content cum Methodology Workshop (CCM)

### आशययुक्त अध्यापन पध्दती कृतिसत्र

क्रेडिट -१	गुण-२५	कालावधी : ३० तास
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उद्दिष्टे : छात्राध्यापकास....

१. आशययुक्त अध्यापन पध्दतीची संकल्पना समजावून घेण्यास मदतकरणे.
२. अध्यापन विषयी संरचनातयार करण्यास मदतकरणे.
३. आपल्या विषयाच्या अभ्यासक्रमाचे स्वरूप समाजवून घेणे.
४. आपल्या विषयाच्या पाठयक्रमाचे विश्लेषण करण्यास मदतकरणे.
५. आपल्या विषयाच्या पाठयपुस्तकाचे विश्लेषण करण्यास मदतकरणे.
६. आशय व अध्यापन पध्दतीचा अतूट संबंध समजावून घेण्यास मदतकरणे.
७. आपल्या विषयाच्या अभ्यासक्रमाचे स्वरूप समजावून घेणे.
८. आशययुक्त अध्यापन पध्दतीनुसार पाठनियोजन करण्यास मदत करणे.

कोर्स १०, ११ मधील आशययुक्त अध्यापनासंबंधित आशय कार्यशाळेत व्याख्यानाद्वारे पूर्ण करण्यात यावा. आशययुक्त अध्यापनावरील घटकविध पध्दतीच्या पेपरमध्ये आहेत. हे घटक स्वतंत्ररित्या शिकविण्याऐवजी कृतिसत्रातून पूर्ण करावेत. कृतिसत्र चार दिवसाचे असावे. यामध्ये आशययुक्त अध्यापन, संबोध, अभ्यासक्रम, पाठयक्रम, पाठयपुस्तक, वा आशय विश्लेषण व आशययुक्त अध्यापनाचे पाठांचे नियोजन यांवर व्याख्याने आयोजित करावीत. व्याख्यानांतर तत्संबंधी प्रात्यक्षिके पूर्ण करावीत. आशययुक्त अध्यापनाच्या पाठाचे मार्गदर्शन याच कालावधीत द्यावयाचे असून प्रत्यक्ष पाठ सराव पाठशाळेत वास्तव परिस्थितीत सोयीनुसार पूर्ण करून घ्यावेत आशययुक्त अध्यापन पध्दतीनुसार एक आशय दोन पध्दतीने दोन वेगवेगळी पाठ टाचणे काढावीत परंतु प्रत्यक्षात एकूण दोन पाठ घ्यावेत व ते सरावपाठात अंतर्भूत करावेत. (प्रत्येक अध्यापन पध्दतीचा एक असे एकूण दोन)

**मूल्यमापन** —या कृतिसत्राचे मूल्यमापन पुढील निकषाद्वारे करावे.

अ.न.	मूल्यमापन निकष	गुण
१	कार्यशाळेतील सहभाग	५
२	विषयाची संरचना	५
३	पाठयक्रम विश्लेषण	
४	पाठयपुस्तक विश्लेषण	१०
५	आशय विश्लेषण	
६	पाठटाचण -आशययुक्त अध्यापन पध्दती-१	५
७	पाठटाचण -आशययुक्त अध्यापन पध्दती-२	
	एकूण	२५

## Appendix C-03: Evaluation Workshop

### मूल्यमापन कृतिसत्र

क्रेडिट -१	गुण-२५	कालावधी : ३० तास
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उद्दिष्टे : छात्राध्यापकास....

- शैक्षणिक मूल्यमापन संकल्पना समजून घेण्यास मदत करणे.
- वार्षिक नियोजन, घटकनियोजन, कृतिपत्र नियोजन या विषय अध्यापनाशी निगडित बाबी समजण्यास मदत करणे.
- बी. एड्. अभ्यासक्रमातीलनिवडलेल्या दोन अध्यापन पध्दतीशी संबंधित माध्यमिक स्तरावरीलदोन शालेय विषयातील वार्षिक नियोजनकरण्यास मदत करणे.
- बी. एड्. अभ्यासक्रमातील निवडलेल्या दोन अध्यापन पध्दतीशी संबंधित माध्यमिक स्तरावरीलदोन शालेय विषयातील दोन घटकांचे नियोजन करण्यास मदत करणे.
- बी. एड्. अभ्यासक्रमातीलनिवडलेल्या दोन अध्यापन पध्दतीशी संबंधित माध्यमिक स्तरावरील दोन शालेय विषयातील दोन घटकांची कृतिपत्र करण्यास मदत करणे.
- कृतिपत्र प्रत्यक्ष वर्गावर उपयोगकरण्यास मदतकरणे.

**कालावधी : १० तास**

प्रात्यक्षिकासाठी पूर्वाश्रयक तात्विक भाग : मूल्यमापन, संकल्पना, उद्दिष्टे, स्पष्टीकरणे, अध्ययन अनुभव, मूल्यमापन साधनेइ. या तात्विक भागाची व्याख्याने झालेली असावीत.

**प्रात्यक्षिक आवश्यक प्रणाली :** शालेय पाठयक्रम, शालेय पाठयपुस्तके, मूल्यमापनावरील संदर्भ पुस्तके, शिक्षक हस्तपुस्तिका,नियोजनाचे छापील नमुने, इ.

**प्रशिक्षणकार्यक्रमाचा आशय व नियोजन:**

**आयोजन:** मूल्यमापनाशी निगडित असा घटक प्रत्येक विषय अध्यापनपध्दतीत आहे. हा घटककृतिसत्राद्वारेशिकवायचा असून यासाठी चार दिवसाचे कृतिसत्र आयोजित करावे यामध्ये वार्षिक नियोजन, घटक नियोजन, कृतिपत्र, यावर पाच व्याख्याने घेण्यात यावीत व व्याख्यानानंतर गटवार आपआपल्या विषयांचे प्रात्यक्षिक काम पूर्ण करून घ्यावे.

**मूल्यमापन— या कृतिसत्राचे मूल्यमापन पुढील निकषाद्वारे करावे.**

अ.न.	मूल्यमापन घटक	गुण
१	कार्यशाळेतील सहभाग	५
२	वार्षिक नियोजन	५

३	घटकनियोजन	८
४	कृतिपत्र	७
	एकूण	२५

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## Appendix C-04

### Action Research Project कृतिसंशोधनप्रकल्प

क्रेडिट -१

गुण-२५

कालावधी : ७० तास

**उद्दिष्टे :** छात्राध्यापकास,

१. कृतिसंशोधनाचे स्वरूप, वैशिष्ट्ये, महत्त्व समजण्यास मदतकरणे.
२. कृतिसंशोधनाच्या विषय निश्चितीची क्षेत्रे समजावून देणे.
३. कृतिसंशोधन आराखड्याचे टप्पे व प्रत्येकाचे महत्त्व समजावून सांगणे.
४. कृतिसंशोधन आराखडा तयार करून घेणे.
५. कृतिसंशोधन अहवाल तयार करणे व मूल्यमापनासाठी सादर करणे.

**योग्य कालखंड-** द्वितीय सत्रातील शालेय अनुभवापूर्वी कृतिसंशोधनपर आधारित उद्बोधन सत्र पूर्ण करावे. छात्राध्यापकांनी द्वितीयसत्रातील शालेय अनुभवाच्या पहिल्या आठवड्यात समस्यानिश्चित करून संशोधन आराखडा तयार करावा. छात्राध्यापकांनी मार्गदर्शकाच्या मदतीने प्रत्यक्ष शाळेवर कृतिसंशोधनाचे काम शालेय अनुभवाच्या उर्वरित कालखंडात पूर्ण करावे.

**कार्यनीती:**

१. प्रत्येक अध्यापनात पध्दतीच्या मार्गदर्शकांनी दुस-या सत्राच्या सुरुवातीला कृतिसंशोधनावरील संदर्भ पुस्तकांची यादी द्यावी.
२. कृतिसंशोधनाच्या तात्विक भागावर व्याख्याने आयोजित करावे.
३. कृतिसंशोधनाचे स्वरूप, वैशिष्ट्ये, महत्त्व व गरज या भागासाठी दोनघड्याळी तास द्यावेत. तसेच विषय निश्चितीची क्षेत्रे यासाठी दोनघड्याळी तास देवून प्रशिक्षणार्थींना प्रथम अध्यापन पध्दतीनुसार गटामध्ये बसवून त्यांच्या विषयाच्या मार्गदर्शकांनी प्रत्येक विद्यार्थ्यांचे विषय निश्चित करून द्यावेत.
४. प्रशिक्षणार्थींचे विषय निश्चित झाल्यानंतर कृतिसंशोधन आराखड्यातील प्रत्येक बाबीचे व्यवस्थित विवेचन करण्यासाठी तासिका किंवा घड्याळी तास द्यावेत.
५. वरील सर्व बाबी प्रशिक्षणार्थी लक्षात आल्यानंतर कच्चा आराखडा लेखन करून घ्यावे.
६. प्रत्येक अध्यापन पध्दतीच्या मार्गदर्शकांनी कच्चा आराखडा तपासावा. त्यातील दुरुस्त्या समजावून घ्यावेत व त्यानंतर कृतिसंशोधनाचा पक्का आराखडा तयार करायला सांगावे.
७. कृतिसंशोधन आराखडा व अहवाल स्वतःच्या हस्तक्षरामध्येच लिहून घ्यावा..

**कृतिसंशोधन प्रकल्प मूल्यमापन:**

- |  |       |
|--|-------|
| १. कृतिसंशोधन विषय व उद्दिष्ट्ये निश्चिती कार्यवाही                    | ५ गुण |
| २. कृतिसंशोधन पध्दती, साधने निवड व विकसन कार्यवाही                     | ५ गुण |
| ३. कृतिसंशोधन आराखडा निश्चिती व सादरीकरण                               | ५ गुण |
| ४. कृतिसंशोधन पध्दती व साधनाद्वारा प्राप्त माहितीचे विश्लेषण कार्यवाही | ५ गुण |
| ५. कृतिसंशोधनाचे अहवाल लेखन कार्यवाही                                  | ५ गुण |

एकूण

२५ गुण



Appendix C-05 :आरोग्य व शारीरिक शिक्षण

(Physical and Health Education)

शारीरिक क्षमता चाचणी

क्रेडिट -१ गुण-२५ कालावधी : ५० तास

उद्दिष्टे: छात्रध्यापकास.....

- शारीरिक क्षमता चाचणी मध्ये सहभागी होण्यास मदत करणे.
- योगा, प्राणायाम, सुर्यनमस्कार संबंधीची प्रात्यक्षिकात सहभाग होण्यास मदत करणे.
- योगा, प्राणायाम, सुर्यनमस्कार व खेळ इत्यादी माध्यमातून आरोग्यपूर्ण जीवन जगण्यास मदत करणे.
- शारीरिक, मानसिक, भावनिक बुद्धिमत्तेचा विकास करणे.

**Physical Efficiency Test:** (At the end of Sem –III) Physical Efficiency Test will be organized at the end of semester III. There will be separate- physical efficiency tests for men and women candidates. In each test, there will be eight items out of which any five items are to be selected by the candidates. The items in the tests are given-below.

1]

Group-A (Any Three Activities) 15 Marks	Group-B (Any Two Asnas) 10 Marks
Shuttle Run (10 M x4)	Padmasana
Medicine Ball Throw (Men-2 Kg. Women-1 Kg.)	Bhujangasana
Situps	Tadasana
Standing Broad Jump	Vajrasana

The candidate reaching the minimum standard prescribed above will get 5 marks for each item. The distribution of marks ar as follows. Total marks 15 for Group-A

(For Men)

Marks	Shuttle Run - second	Medicine Ball Throw	Situps	Standing Broad Jump
5	11.21 to 11.70	7.00 to 7.99 Meter	14-16 total	1.30 to 1.49 Meter
4	11.71 to 12.20	6.00 to 6.99 Meter	11-13	1.10 to 1.29 Meter
3	12.21 to 12.70	5.00 to 5.99 Meter	8-10	0.90 to 1.09 Meter

2	12.71 to 13.20	4.00 to 4.99 Meter	5-7	0.80 to 0.89 Meter
1	13.20 above	Below 4.00 Meter	Below 5	Below 0.80 Meter

**(For Women)**

Marks	Shuttle Run second	Medicine Ball Throw	Situps	Standing Broad Jump
5	13.01 to 13.50	7.00 to 7.99 Meter	11-13 total	0.90 to 0.99 Meter
4	13.51 to 14.00	6.00 to 6.99 Meter	8-9	0.80 to 0.89 Meter
3	14.01 to 14.50	5.00 to 5.99 Meter	6-7	0.70 to 0.79 Meter
2	14.51 to 15.00	4.00 to 4.99 Meter	4-5	0.60 to 0.69 Meter
1	15.00 above	Below 4.00 Meter	Below 4	Below 0.60 Meter

2] The candidate reaching the minimum standard prescribed above will get 5 marks for each item. The distribution of marks are as follows. Total marks 10 for Group-B

योगासना करीता गुण देताना आसनाचे निरीक्षण करून पुढील प्रमाणे गुणदान करावे.

एका आसनासाठी ५ गुण राहतील.

आसन करण्याची पध्दती-०२ गुण

आसनाची सुयोग्य स्थिती-०३ गुण

3. The candidate is not to compete with each other while taking part in the test.
4. The college should provide necessary facilities for the practice of the above items.

**अहवालाची रूपरेषा :** अहवाल चार विभाग असावेत.

५. आरोग्य व शारीरिक शिक्षण तात्विक विभागाची माहिती : आरोग्य व शारीरिक शिक्षणाची उद्दिष्टे व महत्त्व, आरोग्यविषयक उद्बोधनपर व्याख्यानांची माहिती.
६. योग, प्राणायाम, सूर्यनमस्कार यासंबंधी तात्विक माहिती व पाच सांघिक खेळासंबंधित माहितीवर आधारित अहवाल
७. योग, प्राणायाम, सूर्यनमस्कार यासंबंधी प्रात्यक्षिकांचे व विविध खेळांचे आयोजन अहवाल

ॢ. महाविद्यालयाअंतर्गत आरोग्य व शारीरिक शिक्षण विषयक उपक्रमाचे अहवाल

**Marking system:** Category A -15 Marks    Category B    -10    =    Total  
Marks 25 Marks

**B. Ed. Second Year: Semester III**  
**Appendix C-06: Critical Understanding of ICT**

Credits: 01

Periods: 30

Maximum Marks: 25

Internal Assessment Marks: 25

University Assessment Marks: 00

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**Objectives:**

1. To enable student teachers to understand importance of ICT in day to day life.
  2. To enable student teachers to acquire essential skills of ICT in order to integrate ICT in teaching, learning, evaluation, administration, teaching material development & developing collaborative networks for sharing and learning in schools and colleges.
  3. To motivate student teachers to judiciously use ICT for facilitation for their own development and development of the society.
  4. Provide student teachers opportunities of using online and offline resources for their individual learning.
  5. To create net savvy attitude of sharing knowledge resources for betterment of the world.
  6. To help student teachers to construct knowledge using ICT and become a lifelong learner.
  7. To empower student teachers to become responsible citizens of the modern – technology based world.
- 

**Syllabus of the course:**

**Unit1:** Introduction to computer fundamentals, major elements in a computer system and properties of computers.

**Unit2:** Application software: O. S., Microsoft Word, Microsoft Excel, Microsoft Power point its facilities and uses.

**Unit3:** Internet, Email- requirements, registration, benefits and limitations. Social Websites their uses & limitations. Use of various Google apps for educational purpose.

**Unit 4:** Microsoft Publisher and its facilities. Computer care – viruses and safety measures.

**Course Evaluation:**

An objective test of 10 marks on the course content.

Any five of the following practical each carrying 3 marks.

**Practicals:**

1. Preparation of a word document such as letter, bio-data/ CV/ resume, application, report, question paper, etc.
2. Preparation of a spreadsheet using functions and commands, diagrams / charts/ graphs
3. Preparation of a power point presentation using online and offline references on a school topic
4. Email registration and sending / receiving Email with attachment.
5. Preparation of a newsletter/ brochure / invitation card/ visiting card/ website
6. Critical evaluation of a website
7. ICT project on any one of the pertinent topic / concept assigned to the student by the teacher such as cybercrime and cyber security.
8. Preparation of a power point presentation / video presentation on observance of special day.
9. E publication of an article / report / note / research / survey.
10. Preparation of an evaluation tool / Feedback form for online registration/feedback
11. Word / Excel/ DBMS file preparation on students' profile in any school / college class.
12. Organization of special lecture / guest lecture on a pertinent topic of ICT and its digital notes.
13. Video interview / organization of video conference and digital report.

14. Education blogs creation and application.
15. Creating e-group/forum for educational interaction
16. Preparing e-port folio on one's own learning in ICT / Preparing e-port folio of Students of the B. Ed. class

**References: (The references are suggestive. Teachers are advocated to identify, use such other and online resources. Online and web based references may be used as and when required.)**

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6. Sinha, P. K. (2010). *Computer Fundamentals*. (4<sup>th</sup> Ed.) New Delhi: BPB Publications.
7. Spencer, D. D. (1998). *The Illustrated Computer Dictionary*. (3<sup>rd</sup> Ed.)New Delhi: Universal Book Stall.
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## Semester IV

### Curricular Area – A Perspectives in Education

#### Course BED-IV-12: Gender, School & Society (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objectives: To enable to teacher trainees**

1. Develop basic understanding about concept as gender, sex, sexuality, gender bias gender inequality and empowerment.
2. Understand the gender and educational and discourse in post-independence India.
3. Understanding about gender education and India.
4. Understanding about gender identities and socialization practice with respect to family, school.
5. Develop attitude about gender equality.
6. Inculcate role of school, family and teacher to develop gender equality.
7. Develop an attitude about women empowerment, get knowledge about sexual harassment as an abuse, develop an attitude about changing status of women in the society

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#### **Unit 1: Basic concept about gender**

1. Concept – Gender, Sex, Masculinity.
2. Gender bias, Feminism
3. Concept – Meaning of gender inequality, gender its nature and historical background (Pre and Post Independents)
4. Need and importance of empowerment of deprived sections of society with special reference to women.

## **Unit 2: Gender and education**

1. Gender and educational discourse in post-Independence India
2. Gender education and nation with respect to India.
3. Gender identities and socialization practices in family, school curriculum, formal and non-formal organizations.
4. Schooling of Girls for Secondary and Higher Secondary.

## **Unit 3 : Gender equality**

1. Articles in Indian Constitution related to gender equality.
2. Role of school, teacher, parent (family) peer group and textbook to inculcate gender equality
3. Different Policies of State and Central Government for Gender Equality.
4. Human Right and Gender Equality.

## **Unit 4: Women Empowerment**

1. Attitude about women Empowerment and barriers in women empowerment.
2. Different policies of state and central government for women Empowerment in India.
3. Understanding and importance of addressing sexual harassment in family, neighborhood, form and non-formal Institutions work place and media. (Print and Electronic )
4. Institutional mechanism for redressing sexual harassment related abuses,.

## **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students may undertake **One** of the following practical and present the report **(5 Marks)**
  1. Conducting world Women Day and Write its Report.
  2. Preparing analytical report on portrayal of women in print and electronic media.
  3. Analysis of Secondary curriculum with respect to reflection of Gender. (Any one Standard)
  4. Debates / discussions on violation of rights of girls and women.



5. Interview of Successful Women in Society and Its Report.
  6. Preparation of the project on critical analysis of recommendations of commissions and policies on capacity building and empowerment of girls and women. (Any one Commission OR Policy)
  7. Analysis of textual material from the perspective of gender bias.
  8. Organizing debates on equity and equality across gender.
  9. Analysis of Internal Complaints Committee of any one Institution and Its Report.
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## Semester IV

### Course BED-IV-13: Knowledge and curriculum Part-II (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives of the course:** Student- Teachers will be able to,

- 1) Understand the Concept, nature and characteristics of Curriculum
- 2) Understand the Epistemological basis of education explained by Indian educationalist.
- 3) Understand the differences between various enterprise of Education.
- 4) Understand the different dimensions of Curriculum
- 5) Understand the Reflections of Curriculum on textbook, Children's literature, teachers' handbook and reference Book.

#### **Unit no 1- Introduction to Curriculum**

- a) Concept, nature of Curriculum
- b) Characteristics and Types of Curriculum
- c) Epistemological basis of education explained by M. Gandhi, Rabindranath Tagore and J.Krishna Murthy
- d) Relationship between the curriculum framework and syllabus

#### **Unit no 2- Enterprise of Education**

- a) Distinctions between 'knowledge' and 'skill'
- b) Distinctions between 'teaching' and 'training'
- c) Distinctions between 'data' and 'information'
- d) Distinctions between 'reason' and 'faith'.

#### **Unit no 3- Dimensions of Curriculum**

- a) Concepts of nationalism.
- b) Concepts of International Understanding.
- c) Interrelationship of nationalism, concept and interrelationship between U.N. Secu.
- d) Multiculturalism and democratic education.

#### **Unit no 4- Reflections of Curriculum on**

- a) Textbooks
- b) Children's literature
- c) Webliography
- d) Reference Book

**Sessional work: (10 marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. (5 Marks)
- **Any one of the following ( 05 Marks)**
  1. Comparison of educational philosophies of Mahatma Gandhi and Rabindranath Tagore explained.
  2. Analysis of curriculum of any subject at secondary level.
  3. Project on any programme for inculcating nationalism.
  4. Comparison among textbook and reference books for any school subject.

**References:**

1. Kamat A. R. Education and social change in india starring publication, Delhi
  2. Smatullah (1979) Eudcation in social context New Delhi, NCERT.
  3. Choudhary (1986) Issues and advances in education ajanta publishing house
-

## Semester IV

### Course BED-IV-14: Creating an Inclusive School (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objective: To enable the student teacher to –**

1. To develop in the student teacher on understanding of the concept need, an importance of Inclusive Education
2. To help the student teacher to understand the classification characteristics of disable students.
3. To help the student teacher for understand the polices about inclusive education and recommendation for inclusive education
4. To help the student teacher to understand the positive behaviour for inclusion of student
5. To help the student teacher to understand and the role and inclusive qualities and student.

#### **Unit : 1 Inclusive Education**

- a) Inclusive education – Meaning, concept, Benefit
- b) Needs and importance of inclusive school
- c) Characteristics of disable students
- d) Classification of disable students

#### **Unit : 2 Inclusive School**

- a) Characteristics of Inclusive School.
- b) Infrastructural Facilities in Inclusive School.
- c) Challenges Facing Inclusive School.
- d) Instractional Strategies for inclusive School.

#### **Unit : 3 Policies about inclusive school**

- a) Barrier of Inclusive school
- b) Policies of government recommendations and law for inclusive schools
- c) Government Scheme and Provision
- d) Recommendation of UN, UNESCO, RTE-2009 SSA for inclusive school

#### **Unit : 4 Teachers Role in inclusive classroom**

- a) Inclusive Classroom Management
- b) Qualities and Training Programme of an inclusive teachers and role in shaping the inclusive Education
- c) Guidance and Counselling for Inclusive Teacher, Student and Principal
- d) Evaluation Method for Special Children in Inclusive School.

#### **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**
  1. Visit to a Inclusive School and prepare a report.
  2. Case study of Inclusive Schools
  3. Case study of Special Children of specific group
  4. Design and evaluate an Inclusive education programme.
  5. Draft a counseling program for special need child in Secondary School.( Inclusive classroom child)
  7. A study of any one N.G.O. promoting Inclusive education.
  8. Critical study of Any Special teacher training college or Institutes.

#### **References:**

- 1) Loreman, Deppeler and Harvey- Inclusive Education, Allwenand Unwin Australia.
- 2) Corbett Jenny – Supporting Inclusive Education, Routledge Falmer, 2001.
- 3) Felicity Armstrong and Michele Moore- Action Research for Inclusive Education,
- 4) Routledge Falmer, 2004.Mike Adams and sally Brown – Towards Inclusive Learning in Higher Education,
- 5) Routledge, 2006.Peter Mittler- Working towards Inclusive Education, David Fulton Publishers, 2000
- 6) Nind, Sheehy and Simmns, Inclusive Education –Learners and Learning Context,

- 7) Devid Fulton Pub.`17) Integrated and Inclusive Education, Premavathyand Mittal,R C I, 2006.
- 8) Advani, Lal. and Chadha, Anupriya( 2003). You and Your Special Child, New Delhi:UBS Publishers' Distributors Pvt. Ltd.
- 9) Sharma, Kaushaland Mahapatra (2007). Emerging Trends in Inclusive Education',Delhi, IVY Pub.
- 10) Renuka, P. and Bai, Suneetha, G. Inclusive of Exceptional Childern in The Mainstream Schools and teacher education: Global Trends in Teacher education.
- 11) Sohani chitra, Shirode (2016), Inclusive Education, Pune, Suvichar Prakashan Mandal.

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## **Curricular Area –B: Curriculum & Pedagogic Studies**

### **Semester IV**

### **Course BED-IV-15 :Optional Course**

(Electives- any two of the following)

15.1 Educational Management. (50Marks)

15.2 Value Education.(50Marks)

15.3Guidance and Counseling.(50Marks)

15.4Educational Technology.(50Marks)

15.5Environmental Education.(50Marks)

## Optional Course

### **BED-IV-15.1: EDUCATIONAL MANAGEMENT (1/2)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objective:**

To enable the student – teachers to:

- 1) Explain the concepts and types of educational management.
- 2) Understand meaning, concept of Institutional Planning.
- 3) Identify and relate administrative set up for secondary education at Central, state and local level.
- 4) Understand the structure of school plant and management of school.
- 5) Understand the importance of human relationship, accountability in education and concept and problems of classroom management.

#### **Unit–I : MANAGEMENT IN EDUCATION :**

- a. Concepts and Elements of Management
- b. Concept, nature and types of educational management.
- c. (i) Economics of Education: Concept, Nature, Importance & Utility. (ii) Man power development: Concept productivity, Quality & Criteria.
- d. Institutional Planning : Concept, need, objectives and process.

#### **Unit–II : SECONDARY SCHOOL RULES AND REGULATIONS.**

- a) Secondary school code.
- b) Financing Grants, staffing, fee concession and scholarships.
- c) Secondary Education Act.
- d) Head master: Role, Responsibilities and functions.

#### **Unit-III: SCHOOL PLANT AND MANAGEMENT OF SCHOOL**

- a) School Plant – Location, building, playground, garden.



- b) Physical facilities – Classrooms , Furniture, Library, Laboratory, Museum, Auditorium
- c) Planning and administration of annual work, time–table.
- d) Maintenance of records and registers – General register, Attendance register, (catalogue) fee register, muster, Dead stock register, Accession register, Purchase register, Scholarships & free ships , Annual results.

**Unit–IV: HUMAN RELATIONSHIP**

- a) Importance of human relationship and involvements of staff and students in the Management of Secondary School.
- b) Interpersonal Relationship
- c) Accountability in School Education.
- d) Classroom Management: Concept and problems.

**Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**

Elective – Educational Management

Sessional Work-

1. Visit any one of school office and report about school records.
2. Visit to any one of the school and report on financial support /grants/fee and scholarship.
3. Visit to any one of the school and study the planning and administration of school time table and annual work.
4. Take an interview of Heat Master of any school and report on role, responsibilities and functions.
5. Visit a school and write a report on classrooms management write a report on it.

## **Reference Books**

1. Brown. E.J., Secondary School Administration.
  2. Kochhar S.K., Secondary School Administration.
  3. Mohanty , Jagannath (1990) , Educational Administration, Supervision and School Management.
  4. Safaya Raghunath and Shajda B. D. Educational Administration.
  5. Sharma R. C. , Record Trends in Educational Administration.
  6. Studies in Educational Adiminstration in Maharashtra , NCERT.
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**Optional Course**  
**BED-IV-15.2: Value Education (1/2)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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**Objectives – To enable the student teacher to -**

1. Understand the concept, need, nature and sources of values.
2. Know the values included in school curriculum.
3. Understand the different types of values and activities for inculcation of these values.
4. Know the need of Value Education to parents and their role in value education.
5. Comprehend the conflicts among values and the ways to overcome these conflicts.

**Unit-I Concept and nature of values**

- a) Concept and nature of values
- b) Importance of values in life.
- c) Sources of values
- d) Various types of values.

**Unit-II Value education in secondary school**

- a) Need of value education in secondary school curriculum.
- b) Process of value education.
- c) Activities for inculcating values.
- d) Role of the teacher in value education.

**Unit-III Inculcation of values and conflicts among values.**

- a) Activities for inculcation Social, National, democratic Values.
- b) Activities for inculcation of moral , religious and aesthetic values.
- c) Conflicts among values and ways to overcome these conflicts.
- d) Recommendations of different educational commissions regarding value education.

**Unit-IV – Role of the parents in value education.**

- a) Need of value education to parents.

- b) Role of parents in value education.
- c) Activities to involve parents in value education.
- d) Activities for environmental and scientific values.

**Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**
  1. Organization of morning assembly for any one value.
  2. Preparation of script of drama related any one value.
  3. Critical analysis of any one text-book from the view point of value education.
  4. Organization of any one value inculcation programme on a special day.

**Reference Books:**

१. करंदीकर सुरेश (१९९७) मूल्य शिक्षण , फडके प्रकाशन पुणे
२. ना.ग.पवार (२००७) मूल्य-शिक्षण - आजच्या संदर्भात , नित्यनूतन प्रकाशन, पुणे
३. संतोष मुळावकर/कल्पना मुळावकर - (२००५) मूल्यशिक्षण- सुसंवाद
४. पटाण बी बी (२००८) व्यक्तिमत्व विकास , नित्यनूतन प्रकाशन, पुणे
५. माने एस.एस. — नैतिक मूल्यांचे शिक्षण विद्याभारती प्रकाशन, लातूर
६. वीरकर प्र.कृ व वीरकर प्रतिभा- मूल्यशिक्षण संकल्पना व कार्यवाही ( पुणे विद्यार्थी गृह प्रकाशन, पुणे )
७. नागतोडे किरण —नैतिक मूल्य शिक्षण — विदया प्रकाशन, नागपूर
८. एन.जी.पवार (२००३) मूल्यशिक्षा- सर्वोत्तम जीवन का यशोदीप , बुक एनक्लेव , जयपूर
९. Gupta N.L. –Value Education- Theory and practice (Krishna Brothers)
१०. Radhashyam Sarangi – Moral Education in School ( Deep and Deep publications)
११. Mohit Chakraborti, Value Education: Changing perspectives , Kaniksha Publisher / Distributions.

**Optional Course**

**BED-IV-15.3: Guidance and Counseling (1/2)**

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

**COURSE OBJECTIVE: To enable the student 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 specialneeds.
- 4) Understand the concept and process of Counselling.
- 5) Acquaint the student with the aim and principles of guidance programme.
- 6) Develop an understanding of various procedures of organizing various services.

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**UNIT I: GUIDANCE**

- a) Concept, Assumptions, Issues and Problems of guidance.
- b) Need, Scope and Significance of guidance.
- c) Types of guidance- Educational, Vocational, Personal and Group guidance.
- d) Role of teacher in guidance.

**UNIT II: EDUCATIONAL GUIDANCE AT VARIOUS LEVELS OF EDUCATION.**

- a) Guidance at Secondary school level. (Life skill, Life long learning, Carrer)
- b) Guidance and curriculum, Guidance and class room learning.
- c) Approaches to career guidance, Vocationalization of secondary education and Career development.
- d) Problems and needs of children with Special needs.

**UNIT III: COUNSELLING**

- a) Concept, Nature and Principles of Counselling.
- b) Counseling approaches- Directive and Non directive.
- c) Characteristics of Client –Counselor.
- d) Individual and Group Counselling.

**UNIT IV: COUNSELLING PROCESS**

- a) Preparation for Counselling –Reading, Pre-Counseling interview, case history.

- b) Steps in process of Counselling.
- c) Variables affecting Counselling process.
- d) Counselling interview.

**Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**

**PRACTICALS:**

Any Two of the following:

- a) Test the Intelligence of IX class students by a Group test of Intelligence.
- b) Test the creativity of secondary school students by a Psychological test of creativity
- c) Prepare of two individuals profiles.
- d) Assess the Adjustment of IX class students by an Adjustment inventory.
- e) Conduct two case studies.

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**Reference Books:**

- 1) Bhatnagar, Asha and Gupta, Nirmala (Eds)(1999), Guidance and Counselling, Vol.
- 2) Bhatnagar, Asha and Gupta, Nirmala (Eds)(1999), Guidance and Counselling, Vol.
- 3) Cormier, L. & Hackney, H. (1987). The Professional Counsellor. Englewood Cliffs, New Jersey: Prentice Hall.
- 4) Bhangale S.D. Guidance and Counselling, Prashant Publication, Jalgaon.
- 5) Corey G. (1986), Theory and Practice of Counselling and Psychotherapy, 3rd E.
- 6) Nelson, Richard (2012) Basic Counselling Skills. SAGE Pub. India. Pvt. New Delhi
- ७) मार्गदर्शन आणि समुपदेशन (२०१०) डॉ. के.यु.घोरमोडे/डॉ.कला घोरमोडे, विदया प्रकाशन, नागपूर
- ८) शै.व व्या.मागदर्शन व समुपदेशन, (२०१०) डॉ.अरविंद दुनाखे/डॉ.लिना देशपांडे , नित्यनूतन प्रकाशन, पुणे.
- ९) मागदर्शन व समुपदेशन,(२००९), गुळवणी मेघा, नित्यनूतन प्रकाशन, पुणे.

## Optional Course

### BED-IV-15.4: Educational Technology (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objective: To enable the student – teachers to:**

1. Understand the meaning, scope and development of Educational Technology.
2. Understand the role of E.T. teacher as a change agent.
3. Understand the meaning, scope, models and types of communication.
4. Understand the system approach in instruction and the modes of instruction.
5. Understand the resource for an instruction system
6. Understand the management of resource and use of multimedia in teaching process.

#### **Unit – 1 Education Technology:**

1. Concept, nature and scope of Education Technology
2. Need, significance and objective of Educational Technology
3. Essential characteristics of E.T. teacher.
4. Role of E.T. teacher.

#### **Unit – 2 Communications:**

1. Concept, nature and scope of communication
2. Types of Communication and their uses.
3. Channels of Communication.
4. Layout of language Laboratory and its importance

#### **Unit – 3 System Approach to Instruction:**

1. Concept, constituents, Principles of system.
2. Concept and Steps of systems approach.
3. Systems Approach to classroom teaching.
4. Modes of Instruction : Brain Storming, programmed learning, personalized Instructional system, dialogue, PowerPoint presentation (All in brief)

## **Unit – 4 Resources and Management (Hardware's and Software's) for an Instructional System**

1. Classification of instructional material
  - a) Visual: Hardware's and Software of OHP, Slide & film projector, charts, maps models.
  - b) Audio : Visual : Hardware's and software of radio, tape recorder
  - c) Audio: Visual: Hardware's and Software of T.V., L.C.D., video conferencing
2. Free and inexpensive instructional materials.
3. Management of Resource : Selection, preparation, planning, execution and evaluation
4. Layout of ICT and Computer lab and its importance

### **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**
- The students has to undertake **one** of the following practical and present the report **(5 Marks)**
  1. Visit to language lab and write its report.
  2. Select any topic from V to IX Class and write transcript from radio lesson or T.V.relay lesson
  3. Take problem related to school and apply system approach for remedies about the problem.
  4. Prepare transparency /film slide / PPT and reports on its. Effectiveness in classroom teaching
  5. Selected topic and prepare programmed learning programme and write are report on it

### **List of Recommended Books :**

1. Anand B and other (1982) Reading in E.T., Himalaya Publishing House  
Bombay
2. Brown J.W. (1983) Instructional Technology : Media and Methods, Newyork,  
Mc grew Hill
3. Dale Edger (1966), Technology 3<sup>rd</sup> Ed, Newyork, Half Rinchart and wiston



4. Kulkarni S. S. Introduction to Education Technology
5. Kuman K. L. (1966) Education Technology, new age international Pvt. Ltd.
6. Magal S. K. Education Technology
7. Mohanty J., (1992) Educational Technology Deep & Deep Publication New Delhi – 27
8. Sampat&oather (1981) Introduction of Educational Technology, Sterling Publication, New Delhi
9. Sharma A. R. (1981) Education Technology, Vinod PustalMandir, Agra
10. YeoleCima (1990) Educational Technology, Kolhapur
11. Mukhopadhyay M (1989), Educational Technology last year Book 1998
12. All India Association of Technology, New Delhi, Chawan S.S. 1978
13. A textbook programmed Instruction sterling publishers Pvt. Ltd. Delhi
14. ओक सुमन, शैक्षणिकतंत्रविज्ञान, श्री विद्या प्रकाशन
15. कुलकर्णी शरदकामत वसुधा, शैक्षणिकतंत्रविज्ञान, ए.आय.ए.ई.टी. एस. एन. डी. टी. मुंबई
16. जगताप ह. ना., प्रगत शैक्षणिकतंत्रविज्ञान, नूतन प्रकाशन, पुणे
17. पाटील प्रशांत, शैक्षणिकतंत्रविज्ञान
18. येवले सीमा (२००७) शैक्षणिकतंत्रविज्ञान आणि माहिती तंत्रविज्ञान, नित्यनूतन प्रकाशन, पुणे
19. सोनार मधुकर, आधुनिकज्ञानामध्येदृकश्राव्य शिक्षण महाराष्ट्रविद्यापीठग्रंथनिर्मिती मंडळ, नागपूर
20. शेवतेकर शारदा, शैक्षणिकतंत्रविज्ञान आणि माहिती तंत्रविज्ञान
21. राव उषा १९८५ शैक्षणिकतंत्रविज्ञान, महाराष्ट्रविद्यापीठ, ग्रंथनिर्मिती मंडळ, नागपूर
22. सोनार मधुकर १९७० दृक श्राव्य शिक्षण साहित्य तंत्र व पध्दतीगो. म. राणे प्रकाशन, पुणे
23. शिखरे व्ही. पी., पाटील बी. एम शैक्षणिक तंत्रविज्ञान, (जानेवारी २०११), फडके प्रकाशन, कोल्हापूर.

## Optional Course

### BED-IV-15.5: Environmental Education (1/2)

Credits: 02

Periods: 30

Maximum Marks: 50

Internal Assessment Marks: 10

University Assessment Marks: 40

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#### **Objectives : To enable the student–teachers to –**

1. Develop knowledge and understanding related to concepts of environment and Environmental Education.
2. Create awareness about the effect of environmental problems on human life amongs the secondary school students.
3. Understand co–relation between school subjects and environmental education.
4. Create awareness about effect of population explosion on environment amongst the S.S. students.
5. Create awareness amongs S.S. students to observe, identify and analyse the local environmental problems and suggest remmedial measures.
6. Role of teacher for developing knowledge and understanding amongs the Secondary School students for environmental management, environmental movements and laws of environmental conservation and pollution control with special reference to India.

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#### **Unit–I:ENVIRONMENTAL EDUCATION :**

- a) Concept & meaning of Environmental Education.
- b) Objectives, need, importance & scope of Environmental Education.
- c) Role of teachers in Environmental Education.
- d) Characteristics of Environmental Education Teacher.

## **Unit-II : METHODOLOGY OF ENVIRONMENTAL EDUCATION :**

- a) Strategies, curricular & co-curricular activities related to Environmental Education at secondary stage.
- b) Project method, Discussion, Problem solving method, Heuristic method, Exhibition.
- c) Disaster management: Floods, earthquake, cyclone, landslides, Tsunami.
- d) Population explosion: Causes and impact on environment with special reference to India.

## **Unit-III : ENVIRONMENTAL PROBLEMS & THEIR IMPACT ON HUMAN LIFE :**

- a) Problems related to pollution & its effects on human health, control measures of:  
1. Air Pollution 2. Water Pollution 3. Soil Pollution
- b) Problems related to pollution & its effects on human health, control measures of:  
:1. Noise Pollution 2. Solid waste Pollution 3. Radio active
- c) Development of awareness about environmental problems among
  - i) School pupils at secondary stage
  - ii) Local community.
- d) Remedial measures of environmental problems.

## **Unit – IV : ENVIRONMENTAL MANAGEMENT :**

- a) Climate change, global warming, acid rain, ozone layer depletion, green house effect
- b) Environmental ethics: issue & possible solutions
- c) Environmental movements & project – Chipko, Apiko, silent valley, Ganga Action plan, Tiger project.
- d) 1) Water (Prevention of Pollution) Act.1974, 2) The Air (Prevention of Pollution) Act, 1981, 3) The Environmental (Protection) Act, 1986, 4) The wild life Protection Act, 1972

### **Sessional work: (Total 10 Marks)**

- The student will have to write 3 tutorials Broad questions in Notebook and assessed by Teacher Educator. Out of these three prepared tutorial questions one should write in Exam situation. **(5 Marks)**

- The students has to undertake **one** of the following practical and present the report

**(5 Marks)**

- 1) Study of Pollution (cause, effect & remedial measures) due to any one of the following: Industry, Vehicles, rituals, projects such as dairy, poultry, slaughter house, hospital wastes & reports.
- 2) Study of local environmental problems such as water , air , land & noise pollution.
- 3) Study of biotic and abiotic factors, food chains, food web & trophic level in any one of the following eco-system pond , river, garden , forest , grassland, cultivated fields & report.
- 4) Study of common plants, insects, birds of a locality.
- 5) Study of environmental problems of a locality, suggest solutions for it and report.
- 6) A visit to sanctuary, valleys, sea- shores & it's report.

#### **LIST OF RECOMMENDED BOOKS**

##### **पर्यावरण शिक्षण**

- १) भांडारकर, के.एम. (२००८) पर्यावरण शिक्षण, नित्यनूतन प्रकाशन, पुणे.
- २) कुलकर्णी, डी.आर. (२००७) पर्यावरण शिक्षण, विद्या प्रकाशन, नागपूर.
- ३) सावंत प्रकाश (२००९) पर्यावरण शिक्षण , फडके प्रकाशन, कोल्हापूर.
- ४) पाटील धनराज , डेरे अमर (२००९) पर्यावरण शिक्षण व अध्यापन पध्दती, फडके प्रकाशन, कोल्हापूर.
- ५) घाटे निरंजन (२००४) बोध पर्यावरणाचा, मेहता पब्लिकेशन, पुणे.
- ६) UGC (2013) Textbook of Environmental studied for under graduate course, University Press. Hyderabad.
- 7) Abbasi S.A. (1998) Environmental Pollution and its control congent  
a. International P.B. 340 Pondecherry.
- 8) Desh Bandu (1999) Environmental Education – Indian Environmental Society .  
New Delhi.
- 9) Arunkumar (1999) Environmental Problems and Control (Vol. I , II ) Anmol  
Publication P. Ltd. New Delhi.
- 10) Dhaliwal G.S. Sandhu G. S. and Pathan P.K. (1996), Fundamental of  
Environmental Science , Kalyani Publishers. New Delhi.

- 1) Henvietta, Feck (1981) Introduction to Nutrition macmillian Publisher and Co. New York.
  - 2) Gupta N. L. , Gujar R.K. (1993) sustainable development Vol.I Tawar Publications , New Delhi
  - 3) Kamboji N.S. (1999) Control of Noise Pollution, Deep Publication, New Delhi.
-

## Curricular Area –C: Engagement with the Field

### **B. Ed. Second Year: Semester IV**

#### **CURRICULAR AREA C: EPC**

#### **EPC 4: Reading and Reflecting on Texts (1/2)**

Credits: 02

Periods: 60

Maximum Marks: 50

Internal Assessment Marks: 50

University Assessment Marks: 00

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#### **Objectives: The objectives of the course are:**

1. To develop proper loud reading / reading skill /ability of students and also reading with comprehension.
2. To provide opportunities to student teachers to critically analyze and reflect on the given content and events.
3. To develop among student teachers an ability of creative thinking, divergent thinking and analytical thinking by making appraising arguments, interpretations, giving conjectures and offering justification.
4. To enable student teachers to logically draw conclusions and verify the correctness within the given premise of statements.
5. To foster an attitude of reading with pleasure for one's own self as well as for others.
6. Provide opportunities of reading, discussion, debate and interaction after reading at individual level or in groups.
7. To improve expression power and body language of students.
8. To motivate student teachers to write their thoughts in concise and precise manner through creative writing, summarization and reports.
9. To provide opportunities of cooperative learning and assisting each other to develop through group and individual activities.
10. To foster interaction through discussion in small groups by reading and writing questioning and reasoning.

11. To build confidence and team work enable to express as group leaders in school /community activities.
12. To develop interest in reading and writing in order to become lifelong readers, learners & writers.

### **Activities and Evaluation for Reading and Reflecting on Texts:**

A Teacher Education Institute (TEI) is supposed to organize various activities and events to attain the above mentioned broad objectives. The following is a list of some of the activities (suggestive but not exhaustive) those can be organized by the TEI through its teacher / mentor for student teachers.

(At least five activities among or like those enlisted be organized and marks out of 10 for an individual activity ( at most 50 in total) be awarded to each student teacher by the TEI as internal marks for the EPC course.

1. Loud reading / Reading with comprehension ( Marathi, Hindi, English)  
It is suggested to provide opportunities in all the three languages.
2. Book review/ oral presentation after reading of a book.
3. Presentation of text like a story / one act play/ drama/ event and questions on it.
4. Given an essay / story / text preparing questions and answers for scanning and skimming.
5. Giving same passage / content / dialogue to all students in a group and asking them to present it in a dramatized manner the best they can.
6. Giving a theme / central idea of an event / situation asking students to enlarge the idea by their creative thinking and reflect on each others' presentation.
7. Putting / presenting a poem / song / dialogue / video before students and questioning to interact.
8. Writing essay on a topic after collective discussion in groups.
9. Organizing brainstorming event / activity on a topic.
10. Organizing Group Discussion on a topic.
11. Making students to compulsory express on for and against of a debatable statement.
12. Providing written speeches / essays / policy document/ historical work/ narrations/ autobiography and asking student teachers to draft questions and ask each others in different groups.

13. Providing topic / title / beginning of a poem and asking students to complete it.  
Further analyzing some of the poems constructed by the students.
14. Create a conflicting situation / event and ask students to deal with it in a resolving and harmonious manner.
15. Organizing a psychology experiment on reasoning.
16. Discussion, debate based on reading of books.
17. Picture / Drama / story writing and presentation.
18. Reading and criticism on editorial articles of newspapers
19. Various types of report writing.
20. Organizing Role play / dramatization on a given text / content / situation.

**References/ Suggestive readings: (The list is only suggestive but not exhaustive)**

1. Harris Albert, how to increase reading ability Longmans, New York
  2. Thorndike E.L./ The Vocabulary of books of Children in Grade 3 to 8 /Teacher college Record, Vol-38, 1936-37
  3. Hue Edmund B. The psychology and pedagogy of Reading, The Macmillon co. New York 1908.
  4. Barn and Roe-Reading Activities for Today's Elementary Schools Rond Menolly college pub. co. chicago 1979.
  5. Ross D. Bondy, E. & Kyle D. (1993) Reflective teaching for student empowerment : Elementary curriculum and methods New York: Macmillan.
  6. Schon, D. A. (1983) The reflective practitioner: How professionals think in action. New York : Basic Books.
  7. Zeichener, K & O. Listion (1987) Teaching student teachers to reflect, HER, 57 1, pp 22-48
  8. Dewey, J. (1933) How we think. Boston L.D.C. Health.
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**Appendix D-01 Practice Teaching and Internship**

**सरावपाठ नियोजन व शालेय आंतरवासिता**

क्रेडिट -२	गुण-५०	कालावधी : १०० तास
<b>उद्दिष्टे : छात्राध्यापकास....</b>		
१. प्रतिमानाचा वापर करून २ सराव पाठ पूर्ण करणे		
२. ज्ञानसंरचनावादनुसार पाठनियोजन करून ४ सराव पाठ पूर्ण करणे.		
३. शालेय आंतरवासिता, व अभ्यासक्रमासंबंधित प्रात्यक्षिके पूर्ण करणे.		
४. शाळेतील विविध समितीपैकी एका समितीचा अभ्यास करणे.		
५. शाळेतील पोषण आहार योजना अभ्यास करून अहवाल लिहणे.		
कार्यानुभव विषयांतर्गत एका कृतीचे आयोजन करून एका वर्गासाठी वस्तुनिर्मिती प्रकल्प राबविणे.		
<b>शालेय आंतरवासिता उपक्रमाचे स्वरूप :</b> या शालेय आंतरवासिता उपक्रमामध्ये ४ सरावपाठ माहिती तंत्रज्ञानाच्या आधारे पूर्ण करावयाचे आहेत. या सराव पाठाचे गुण सरावपाठासाठी नियोजित केलेल्या गुणांतून द्यावेत. या सरावपाठा व्यतिरिक्त शाळेतील विविध समितीपैकी एका समितीचा अभ्यास, शाळेतील पोषण आहार योजना अभ्यास व कार्यानुभव विषयांतर्गत एकाकृतीचे आयोजन करून एका वर्गासाठी वस्तुनिर्मिती प्रकल्प राबविणे या उपक्रमांचा समावेश या शालेय आंतरवासितामध्ये करण्यात यावा.		
<b>मूल्यमापन:</b>		
१) ज्ञानरचनावादनुसार ४ आणि प्रतिमानानुसार २ असे एकूण ६ सराव पाठ यांचे गुण सरावपाठाच्या गुणांपैकी देणे. (३० गुण)		
२) शाळेतील विविध समितीपैकी एका समितीचा अभ्यास व अहवाल: (१० गुण)		
३) शाळेतील पोषण आहार योजना अभ्यास व अहवाल: (१० गुण)		

## Appendix D-02: Models of Teaching Workshop

अध्यापन प्रतिमान

क्रेडिट -१

गुण-२५

कालावधी : ५० तास

उद्दिष्टे : छात्राध्यापकास . . .

१. अध्यापनाच्या प्रतिमानांचा परिचय करून देणे.
२. अध्यापन पध्दती व प्रतिमान यातील फरक समजून घेण्यास मदत करणे.
३. प्रतिमानानुसार पाठ टाचण तयार करण्याची क्षमता विकसित करणे.
४. प्रतिमानाचा वापर करून अध्यापन करणे.

**योग्य कालखंड-** शालेय आंतरवासिता ( सत्र दोनमधील) कार्यक्रमाच्या अगोदर

**प्रात्यक्षिकासाठी पूर्वावश्यक भाग-**सूक्ष्म अध्यापन, सुटे सराव पाठ, आयसीटी पाठ, आशययुक्त अध्यापन पध्दती पाठ आणि सलग सरावपाठ पूर्ण झालेले असावेत.

**प्रात्यक्षिकासाठी आवश्यक आधारप्रणाली :** पाठयपुस्तके, शैक्षणिक साधने, प्रतिमानांच्या संरचना, प्रतिमानानुसार पाठ टाचणांचे नमुने, निरीक्षण नोंदतक्ते.

**प्रात्यक्षिकांसाठी पूर्वावश्यकतात्त्विक भाग:** कोर्स ७ व ८ मधील अध्यापन प्रतिमानसंबंधित आशय कार्यशाळेत व्याख्यानाद्वारा पूर्ण करण्यात यावा. या प्रतिमान कार्यशाळेत प्रामुख्याने अध्यापन प्रतिमानांची तात्त्विक माहिती अध्यापन प्रतिमान व अध्यापन पध्दती यातील फरक यावर दोन व्याख्याने नियोजित करावीत. त्यानंतर सामाजिक वर्तन, माहिती प्रक्रियाकरण व वर्तन परिवर्तन या कुलातील प्रत्येक गटामध्ये येणारी प्रतिमाने यांची उद्दिष्टे याही बाबींचे त्यावेळी अध्यापन करावे. या प्रात्यक्षिकांची सुरुवात व्याख्यानांनी होईल.

छात्राध्यापकांनी सामाजिक वर्तन, माहिती प्रक्रियाकरण व वर्तन परिवर्तन या कुलातील भूमिका पालन, संकल्पना प्राप्ती प्रतिमान, उद्गामी विचार, अग्रंत संघटक, स्मृती प्रतिमानया प्रतिमानापेकी किमान दोन प्रतिमानाची निवड करावी ही अपेक्षा आहे. या प्रत्येक प्रतिमानावर आधारित तात्त्विक माहिती पाठनियोजन, पाठनिरीक्षण यावर एकत्रित चर्चा व्हावी. त्यानंतर त्याच प्रतिमानावर आधारित किमान दोन प्रतिमानाचे दिग्दर्शित पाठ शिक्षक प्रशिक्षकाने कार्यशाळेत सादर करावेत. सादरीकरणानंतर प्रतिमान पाठ निरीक्षणावर चर्चा करावयास हवेत. त्यानंतर गटवार संबंधित प्रतिमानावर आधारित पाठनियोजन करावे. अध्यापनापूर्वी या अध्यापन प्रतिमान पाठांची पाठटाचणे काचफलकामध्ये लावून छात्राध्यापकांना लिहून घेणे सांगावे. याचप्रमाणे इतरही अध्यापन प्रतिमानांचे नियोजन करावे.

प्रतिमानाची निवड करून दोन पाठटाचणे तयार करून घ्यावीत. सोयीनुसार विद्यार्थ्यांना शाळेत पाठ घेण्यास सांगावे. (प्रत्येक अध्यापनपध्दतीचा एक) प्रतिमानानुसार घ्यावयाच्या पाठांची संख्या ही किमान संख्या आहे. यापेक्षा जास्त पाठ घ्यावयाचे स्वातंत्र्य विद्यार्थी शिक्षकास असेल.

**अहवाल लेखन :** अहवाल लेखनात प्रामुख्याने - अध्यापन प्रतिमानासंबंधित कार्यशाळेतील प्रत्येक प्रतिमानाची सैद्धांतिक माहिती, पाठनियोजन, ( दोन ) व स्वतःचे अनुभव समाविष्ट करावेत.

**मूल्यमापन :** अध्यापन प्रतिमान कार्यशाळेचे मूल्यमापन पुढील निकषाच्या आधारे करण्यात यावे.

अ.न.	मूल्यमापनाचे घटक	गुण
१.	प्रतिमान कार्यशाळेतील सहभाग	५

२.	गटवार चर्चेतील सहभाग	५
३.	पाठटाचण -अध्यापन पध्दती-१	५
४.	पाठटाचण -अध्यापन पध्दती-२	५
५.	अहवाल लेखन	५
	एकूण गुण	२५

## Appendix D-03: Constructivism Workshop

### ज्ञानसंरचनावाद कार्यशाळा

क्रेडिट – १

गुण: २५

कालावधी: ५० तास

#### उद्दिष्टे:

१. छात्राध्यापकास ज्ञानसंरचनावाद संकल्पना समजून घेण्यास मदत करणे.
२. ज्ञानसंरचनावाद गृहीतके व तत्चे समजून घेण्यास मदत करणे.
३. ज्ञानसंरचनावाद अध्ययन अध्यापन प्रक्रियेसाठी आवश्यक भौतिक, आर्थिक आणि मानवी सुविधांची यादी समजण्यास मदत करणे.
४. ज्ञानसंरचनावाद अध्ययन अध्यापन प्रक्रियेसाठी अध्यापक व विद्यार्थी भूमिका समजून घेण्यास मदत करणे.
५. ज्ञानसंरचनावाद तंत्राचा प्रतिमानांचा परिचय करून घेण्यास मदत करणे.
६. ज्ञानसंरचनावादनुसार पाठनियोजन करण्यास मदत करणे.

#### ज्ञानसंरचनावाद कार्यशाळा स्वरूप व कार्यवाही:

१. कार्यशाळेच्या पहिल्या दिवशी ज्ञानसंरचनावाद संबोध व ओळख यावर आधारित एक व्याख्यान आयोजित करावे. यासाठी पूरकसाहित्यअगोदरच छात्राध्यापकास द्यावे व त्यावर चर्चा एकत्रित करावी. ब्रुनर, पियाजे, व्हायगोटरची उपपत्ती सैद्धांतिक भाग आदल्यादिवशी देवून कार्यशाळेच्या पहिल्या दिवशी त्यावर चर्चा करावी. ज्ञानसंरचनावादाचा काही मार्गदर्शक तत्वे व त्याचा अध्ययनासाठी संबंध यावर आधारित दुसरे व्याख्यान द्यावे. ज्ञानसंरचनावादाचा अध्ययन अध्यापन अभ्यासक्रम मापन यावर पडणारा प्रभाव यावर २ तास चर्चा करावी.
२. कार्यशाळेच्या दुस-या दिवशी ज्ञानसंरचनावादी पाठयपुस्तके छात्राध्यापकास अभ्यासण्यास देवून कार्यशाळेच्या दुस-या दिवशी त्यावर आधारित चर्चा द्यावी. छात्राध्यापकाचे अध्यापन पध्दतीनुसार गट पाडून अभ्यासक्रम पाठयपुस्तक यातील बदलाबाबत गटकार्य द्यावेत. यासाठी ज्ञानसंरचनावादी दृष्टीने तयार केलेली व पाठयपुस्तके ज्ञानसंरचनावादावर आधारित नसलेली पाठयपुस्तके यांचा उपयोग करावा.
३. कार्यशाळेच्या तिस-या दिवशी ज्ञानसंरचनावादी शिक्षक व विद्यार्थी भूमिका यावर चर्चेच्या स्वरूपातील १ तास व्याख्यान द्यावे त्यानंतर पुढील मुद्द्यावर गटकार्य द्यावे.
  १. ज्ञानसंरचनावादी अध्ययन अध्यापन प्रक्रिया - भौतिक साधने
  २. ज्ञानसंरचनावादी अध्ययन अध्यापन प्रक्रिया - शिक्षक तयारी
  ३. ज्ञानसंरचनावादी अध्ययन अध्यापन प्रक्रिया - विद्यार्थी तयारी
  ४. ज्ञानसंरचनावादी अध्ययन अध्यापन प्रक्रिया - शालेय नियोजन / वेळापत्रकया चर्चेनंतर अध्यापन पध्दतीनुसार गटवार प्रात्यक्षिक कार्य करावे. प्रत्येक विषयावर वरील मुद्द्यांनुसार आशय निवडून पाठाच्या आराखड्यास अनुरूप गटकार्य करून द्यावे.
४. कार्यशाळेच्या चौथ्या दिवशी ज्ञानसंरचनावादी अध्ययन प्रक्रियेची वैशिष्ट्ये पारंपारिक अध्यापनापेक्षा असणारे वेगळेपण यावर प्रत्यक्ष दिग्दर्शन स्वरूपात रेकॉर्डेड पाठ यावर एकत्रित चर्चा करावी.
५. कार्यशाळेच्या पाचव्या दिवशी ज्ञानसंरचनावादी पाठाचा आराखडा तयार करण्यासंदर्भात एकत्रित चर्चा करावी. पाठाचा आराखडा तयार करताना आशय, विषय, अध्ययन अनुभव, भौतिक सुविधा विद्यार्थी व शिक्षक भूमिका यावर चर्चा द्यावी. नंतर पाठाचा आराखडा यावर गटवार प्रात्यक्षिक कार्य करवून घ्यावे.
६. कार्यशाळेच्या सहाव्या दिवशी दुस-या अध्यापन पध्दतीस अनुरूप पाठटाचण तयार करवून घ्यावे व त्यादिवशी अहवाल लेखनासंदर्भात मार्गदर्शन करावे.

#### ज्ञानसंरचनावादी अध्यापन कार्यशाळा मूल्यमापन: २५ गुण

- |                                     |        |
|-------------------------------------|--------|
| १. कार्यशाळेतील सहभाग               | ०४ गुण |
| २. प्रथम अध्यापन पध्दतीचे पाठटाचण   | ०८ गुण |
| ३. द्वितीय अध्यापन पध्दतीचे पाठटाचण | ०८ गुण |
| ४. कार्यशाळेचे अहवाल                | ०५ गुण |

## Appendix D-04: Creativity & Personality Development

As per Appendix B-05

### Appendix D-05 Seminar (चर्चासत्र)

क्रेडिट -१

गुण-२५

कालावधी : ५० तास

उद्दिष्टे : छात्राध्यापकास....

१. चर्चासत्र संकल्पना समजण्यास मदत करणे.
२. स्वतःचे अनुभव , निरीक्षण, भावना, यांचा विकास करून परिणामकारक सादरीकरण करण्यास मदत करणे.
३. इतरांच्या भावना समजावून घेणे व त्यांच्याबद्दल आपल्या मनात सन्मानाची भावना निर्माण करणे.
४. सहका-यांच्या भावना व त्यांच्या कल्पनांचा आदर करण्यास मदत करणे.
५. परस्परविरोधी विचार व इतरांचा दृष्टिकोन याबद्दल सहनशीलता विकसित करणे.
६. चर्चासत्रामध्ये विविध भूमिका वठविण्यास मदत करणे.

**चर्चासत्राचे स्वरूप :** चर्चासत्राचे आयोजन गटनिहाय करावे, चर्चासत्राबाबत माहिती स्वरूप, प्रकार कार्यवाही, भूमिका तसेच चर्चासत्रातील भूमिका, कार्यवाही याबाबतचे नियोजन प्राध्यापकांनी व्याख्यानाद्वारे एकत्रित सांगावी. चर्चासत्रामध्ये सहभागी विद्यार्थ्यांच्या भूमिका अगोदर निश्चित कराव्यात यामध्ये प्रामुख्याने संघटक , वक्ता , निरीक्षक व सहभागी यांचा समावेश असावा. चर्चासत्राचे विषय प्रामुख्याने बी.एड अभ्यासक्रमातील शैक्षणिक / सामाजिक विषयावर आधारित असावेत.

मूल्यमापन:

- |   |        |
|---|--------|
| १. पूर्वतयारी व आशयाचे लिखित नियोजन                   | १० गुण |
| २. प्रकटीकरण-ओघ, स्पष्टता, नियोजनबद्धता               | ५ गुण  |
| ३. माहितीतील अचूकता व विषयातील विविध मुद्द्याची सांगड | ५ गुण  |
| ४. विषयाचे समर्थन व दुस-यांच्या मतांचा स्वीकार        | ५ गुण  |

चर्चासत्र सहभागी झालेल्या छात्राध्यापकाने पूर्वतयारी मध्ये संकलित केलेली माहिती व अनुभव तसेच विषय सादरीकरण व शंकासमाधान याबाबत आलेले अनुभव अहवालाच्या स्वरूपात मार्गदर्शक प्राध्यापकांकडे जमा करावेत .

## Appendix D-06: Practical Submission&FinalLesson Examination

Part -4

100

130

**Final Lessons Examination:** Annual lesson examination will be conducted after university declaration (after completion of 40 lessons and lesson observation) possibly in the month of February by college with prior permission of Solapur University.

The Examination will comprise of conduction two school lesson on the two pedagogic subject offered by the student –teacher. The evaluation of each lesson will be done by a pair of examiners –one internal and another external examiner. Each examiner will award marks out of 50 for each lesson. The university will convert the 100 marks awarded by each pair of examiners into 50. The total marks out of 100 for the lesson examination will be converted into grade.

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## AppendixD-07

### Viva-Voce

गुण -2  
ईई°ई

मई-50

ईईईईई : 20

This practicum carries 50 marks, 02 credits. The viva-voce is to be conducted for evaluation of work and achievement (within the year /Sem-III & Sem - IV) of every student, at the end of second year by a pair of examiners (one internal examiner and another external examiner) appointed by the university. The University /College should provide all students –teachers a list of practical's to be completed, compiled and filed in an order before appearing for the viva voce. The teacher education institution should have mechanism to verify the enlisted practical /documents/reports and attendance records before a student-teacher appears for the viva voce.

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**PUNYASHLOK AHILYADEVI HOLKAR  
SOLAPUR UNIVERSITY, SOLAPUR**



NAAC Accredited-2015  
'B' Grade (CGPA 2.62)

Name of the Course Syllabus:-

**B.P.Ed.**  
**( Bachelor of Physical Education )**

With effect from :-

**June- 2021**

**CBCS Pattern**  
**(80:20)**



## **Objectives**

1. To develop highly profile scholars in the Field of Physical Education.
2. To make perfection in competencies and skills needed to become professionals in the areas of specialization.
3. To be aware of emerging issues such as health, fitness, wellness and technology.
4. To develop the students critical mind and ability to employ reasoning, rational thinking of the problems and issues relating the field.
5. To provide opportunity for entrepreneurship, self expression and provide information on continued professional growth.

**PUNYASHLOK AHILYADEVJI HOLKAR  
SOLAPUR UNIVERSITY, SOLAPUR.**

SYLLABUS STRUCTURE

**B.P.Ed.**

**( Bachelor of Physical Education )**

**TWO YEARS PROGRAMME (FOUR SEMESTERS) (CS)**

**w.e.f.:- June, 2021**

B.P.Ed., Programme shall be designed to integrate the study of childhood, social context of Physical Education, subject knowledge, pedagogical knowledge, aim of Physical Education and communication skills. The programme comprises of compulsory theory as well as practical courses and compulsory school internship.

### **1. Eligibilities of Admission**

The course of study for the Bachelor of Physical Education shall be open only to those students who have passed degree examination of this university or UGC recognized any university or as per the NCTE norms and government of Maharashtra norms and as per Punyashlok Ahilyadevi Holkar Solapur University Guide Lines.

The reservation in the seats and relaxation in the qualifying marks of SC/ST/OBC/NT and other categories as per the rules of state government.

i) The candidate should be an Indian National and should have passed Bachelor's Degree in any discipline with 50 % marks\* ( Minimum 45%\* in case of Backward Class categories belonging to the State of Maharashtra ) and having at least participation in the inter-college /Inter-Zonal /district / School Competition in Sports and Games as recognized by the AIU/IOA/SGFI/Government of India.

OR

ii) The candidate should have passed Bachelor's Degree in Physical Education (BPE) with 45% marks (Minimum 40% marks in case of Backward Class Categories).

OR

iii)The Candidate should have passed Bachelor's Degree in any discipline with 45% marks\* (Minimum 40% marks\* in case of Backward Class Categories belonging to the State of Maharashtra) and studied Physical Education as Compulsory /Elective subject.

OR

iv) The Candidate should have passed Bachelor's Degree with 45% marks\* (Minimum 40% marks\* in case of Backward Class Categories belonging to the State of Maharashtra) and having participated in National /Inter-University /State Competitions or secured 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> position in Inter-College /Inter-Zonal /District /School Competition in Sports and Games as recognized by the AIU/IOA/SGFI/Government of India.

OR

v) The Candidate should have passed Bachelor's Degree with participation in International Competitions or secured 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> position in Inter-College /Inter-Zonal /District /School Competition in Sports and Games as recognized by the AIU/IOA/SGFI/Government of India.

OR

vi)The Candidate should have passed Bachelor's Degree with 45% marks\* (Minimum 40% marks\* in case of Backward Class Categories) and at least **Three years of Teaching Experience** (for Deputed in-Service Candidates i.e. Trained Physical Education Teachers/ Coaches).

- The candidate belonging to SC/ST, DT/VJ, NT (A), NT (B), NT(C), NT(D), OBC and SBC categories should produce “**Caste Certificate**” issued by the Competent Authority and the candidates belonging to ST category should submit “**Tribe Validity Certificate**” issued by the Scrutiny Committee of Tribal Department along with Caste certificate. Candidates belonging to DT/VJ, NT (A), NT (B), NT(C), NT(D), OBC and SBC should submit Valid Non Creamy Layer Certificate valid upto 31<sup>st</sup> March 2019 as applicable at the time of verification of Documents/Admission. Candidates belonging to SC,DT-VJ, NT-1,2,3, OBC and SBC will have to produce Caste Validity certificate. Candidates belonging to Maharashtra State belonging to above categories having Caste Certificate, Caste Validity and Non-Creamy Layer Certificate as applicable should only apply under respective category, otherwise they should apply under Open-General Category.

## 2. Fee

The institution shall charge only fee as prescribed by the affiliating body / State government concerned in accordance with provision of N.C.T.E. Guideline and as per University Guidance .

## 3. Duration

The B.P.Ed. Programme shall be of a duration of two academic years, that is, four semesters. However, the students shall be permitted to complete the programme requirements within a maximum of three years from the date of admission to the programme.

## 4. The CS System

All programmes shall run on Credit System (CS). It is an instructional package developed to suit the needs of students to keep pace with the developments in higher education and the quality assurance expected of it in the light of liberalization and globalization in higher education.

## **5. Course**

The terms course usually referred to, as 'papers' is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives and learning outcomes. A course may be designed to comprise Lectures/tutorials/laboratory work/ field work/ outreach activities/ vocational training/viva / seminars/term papers/assignments/presentations/self-study etc. or a combination of some of these.

## **6. Courses of Programme**

The B.P.Ed., Programme consists of a number of courses, the term 'Course' applied to indicate a logical part of subject matter of the programme and is invariably equivalent to the subject matter of a "paper" in the conventional sense. The following are the various categories of courses suggested for the B.P.Ed., Programme.

- a. Theory Courses
- b. Practicum's
- c. Teaching Practices

## **7. Semesters**

An academic year is divided into two semesters. Each semester will consist of 17-20 weeks of academic work equivalent to 100 actual teaching days. The odd semester may be scheduled from May/June to November /December and even semester from November / December to May/June. The institution shall work for a minimum of 36 working hours in a week. (five or six days a week)

## **8. Working days**

There shall be at least 200 working days per year exclusive of admission and examination processes etc.

## **9. Credits**

The term 'Credit refers to a unit by which the programme is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecturer or tutorial) or one and half/two hours of practical work/field work per week. The term 'Credit' refers to the weight given to a course, usually in relation to the instructional hours assigned to it. The total minimum credits, required for completing a B.P.Ed., Programme is 128 credits and for each semester, 32 credits.

## 10. Provision of Bonus credits Maximum 06 Credits in each Semester

Sr. No	Special Credits for Extra Co-Curricular Activities	Credit
1	Sports Achievement at State level Competition (Medal Winner)	1
	Sports Achievement National level Competition (Medal Winner)	2
	Sports participation International Level Competition	4
2	Inter Uni. Participation (Any one game)	2
3	Inter College Participation (Min, Two games)	1
4	Blood donation / Cleanliness drive / Community Services	2
5	Mountaineering- Basic Camp, Advance Camp / Adventure Activities	2
6	Organization / Officiating- State / National level in any two games	2
7	News Reporting / Article Writing / book writing/ progress report writing	1

## 11. Examinations:

- a. There shall be examinations at the end of each semester, for first semester in the month of November/December, for second semester in the month of May/June. A candidate who does not pass the examination in any course(s) shall be permitted to appear in such failed course (s) in the subsequent examinations to be held in November / December or May / June.
- b. A candidate should get enrolled / registered for the first semester examination. If enrollment / registration is not possible owing to shortage of attendance beyond condonation limit/rules prescribed OR belated joining OR on medical grounds, such candidates are not permitted to proceed to the next semester. Such candidates shall redo the semester in the subsequent term of that semester as a regular student, however, a student of first semester shall be admitted in the second semester, if he/she has successfully kept the term in first semester.

## 13. Conduct of Practical Examination

Examiners should be paid local conveyance allowance, remuneration and T.A D.A by the University.

**Internal Assessment (Sessional): Practical Activities:** The Award of marks shall be on the basis of regularity, initiative, learning aptitude, skill development and proficiency.

**Appearance of Examination:** Candidates on satisfactorily completing a semester shall apply for examination in all courses of study papers prescribed for that semester.

## 14. Medium of Examination

The candidates are allowed to answer the question in English / Hindi / Marathi.

### Scheme of Examination:

There shall be a university examination at the end of each semester. The Scheme of Examination shall be as follows:

- a. **Theory:** Each paper shall be valued by University appointed examiner.
- b. **Practicum:** Evaluation in the specialization (game/activity) shall be done by two examiners, one internal and one external as per the following scheme. The average of the two shall be credited.

Sr. No		External Assessment Marks	Internal Assessment Marks
1	Demonstration of skill/techniques/movements	50	10
2	Oral of Rules & Regulations	20	05
3	Officiating	10	05
	<b>Total</b>	<b>80</b>	<b>20</b>

- c. i) Selected School subject methods 40 Marks
  - ii) Physical Education Method 40 Marks
- a) Pattern of question paper setting shall be as per NCTE/ Solapur University norms.

## 15. Evaluation

Evaluation for each course shall be done by a continuous internal assessment (CIA) by the concerned course teacher as well as by end semester examination and will be consolidated at the end of course. The components for continuous internal assessment are;

One test	10 Marks
Seminar / Quiz	5 Marks
Assignments	5 Marks
Total	20 Marks

Attendance shall be taken as a component of continuous assessment, even though the students should have minimum 75% attendance in each course. In addition to continuous evaluation component, the end semester examination, which will be written type examination of at least 3 hours duration, would also form an integral component of the evaluation. The ratio of marks to be allotted to continuous internal assessment and to end semester examination is 20:80. The evaluation of practical work, wherever applicable, will also be based on continuous internal assessment and on the end-semester practical examination.

## 16. Minimum Passing Standard

The minimum passing standard for CIA (Continuous Internal Assessment) and External Examinations shall be 40% i.e. 08 marks out of 20 marks and 32 marks out of 80 marks respectively for theory courses. The minimum passing for the CIA & external examination shall be 50% i.e. 10 marks out of 20 and 40 marks out of 80 marks for the practical courses.

- i. **If the student fail or absent in semester** – If the student is fail or absent in any theory paper or university practical exam he/she is allow to appear in semester – II university examination.
- ii. **If the student who is fail or absent in semester I & II** - theory and practical will be allow to appear semester – III University examination, He/ She need not to appear for Internal assessment (theory & practical) of semester I & II.
- iii. **If the student who is fail or absent in semester –I, II, III-** He / She will be given permission in semester IV University examination. He/ She should be passed sem. I,II,&III internal assessment.
- iv. **If the student who is fails or absent in semester I & II**, theory & practical will be given admission in semester – III. He / She need not appear for internal assessment (theory & practical) of semester – I & II.
- v. **If the student who is fail or absent in semester II & III**, in theory & practical, he/ she is eligible to take admission to the semester – IV and he / she can give examination in University Theory & practical together of semester – II,III & IV.

## 17. Grievance Redressal Committee

The college/department shall form a Grievance Redressal Committee for each course in each college /department with the course teacher/Principal/Director and the HOD of the faculty and the members. This Committee shall solve all grievances of the students.

# Choice Based Credit Semester Scheme of B.P.Ed Degree Programme

## Semester - I

<b>Part-A: Theoretical Course</b>						
<b>Course Code</b>	<b>Title of the Papers</b>	<b>Total Hours</b>	<b>Credit</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>CC-101</b>	History, Principles and foundation of Physical Education and Olympic Movement	4	4	20	80	100
<b>CC-102</b>	Anatomy, Physiology Sports Medicine, Physiotherapy and Rehabilitation	4	4	20	80	100
<b>CC-103</b>	Health Education and Environmental Studies	4	4	20	80	100
<b>CC-104</b>	Methods of Teaching School Subject ( Any one of the following subject) Marathi, Hindi, English, History, Geography, Economics, Commerce, Agriculture, Science, Mathematics	4	4	20	80	100
<b>Part -B: Practical Course</b>						
PC-101	Track and Field (Runs- Short, Medium, long distance )	6	4	20	80	100
PC-102	Gymnastics/ Aerobics	6	4	20	80	100
PC-103	Indigenous Sports: Kabaddi / Kho-Kho /Mallkhambh / Lezim	6	4	20	80	100
PC-104	Mass Demonstration Activities: dumbbells /Indian club / wands / hoop / Flag/ March past	6	4	20	80	100
<b>Total</b>		<b>40</b>	<b>32</b>	<b>160</b>	<b>640</b>	<b>800</b>

**Note: Total Number of hours required to earn 4 credits for each Theory Course are 60-65 hours per semester where as 100-110 hours for each Practicum Course.**



## Semester - II

<b>Part-A: Theoretical Course</b>						
<b>Course Code</b>	<b>Title of the Papers</b>	<b>Total Hours</b>	<b>Credit</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>CC-201</b>	Yoga Education	4	4	20	80	100
<b>CC-202</b>	Educational Technology and Methods of Teaching in Physical Education	4	4	20	80	100
<b>CC-203</b>	Organization, Administration and Sports Management	4	4	20	80	100
<b>CC-204</b>	Contemporary issues in Physical Education: fitness, wellness, Sports Nutrition and Weight Management	4	4	20	80	100
<b>Part -B: Practical Course</b>						
<b>PC-201</b>	Tack and Field (Jumping Events)	6	4	20	80	100
<b>PC-202</b>	Yoga/Zumba	6	4	20	80	100
<b>PC-203</b>	Racket Sports: Badminton/ Table Tennis /Lawn Tennis	6	4	20	80	100
<b>Part - C: Teaching Practices</b>						
<b>TP-201</b>	<b>A. Teaching Practices – School subject (05 Micro and 05 School) <u>University Exam One Lesson</u></b>	6	4	10	40	100
<b>G.L., I.N</b>	<b>B. Teaching practice <b>Physical Lesson</b> (05 Micro and 05 Physical) <u>University Exam One Lesson</u></b>			10	40	
<b>Total</b>		<b>40</b>	<b>32</b>	<b>160</b>	<b>640</b>	<b>800</b>

**Note: Total Number of hours required to earn 4 credits for each Theory Course are 60-65 hours per semester where as 100-110 hours for each Practicum Course.**

G.L: General lesson pedagogy at school.

I.N: Internship Programme.

### Semester – III

<b>Part-A: Theoretical Course</b>						
<b>Course Code</b>	<b>Title of the Papers</b>	<b>Total Hours</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
<b>CC-301</b>	Sports Training	4	4	20	80	100
<b>CC-302</b>	Computer Applications in Physical Education	4	4	20	80	100
<b>CC-303</b>	Sports Psychology and Sociology	4	4	20	80	100
<b>CC-304</b>	Curriculum Design	4	4	20	80	100
<b>Part -B: Practical Course</b>						
<b>PC-301</b>	Elective Skill Oriented Course: Gym instructor / Aerobics and Zumba trainer (Any one)	6	4	20	80	100
<b>PC-302</b>	<b>Combative Sports:</b> Martial Art/Karate/Judo/Fencing /Boxing/Taekwondo/ Wrestling (Any two out of these)	6	4	20	80	100
<b>PC-303</b>	<b>Team Games:</b> Football/Softball/Volleyball/Hand ball/Basketball (Any two of these)	6	4	20	80	100
<b>Part - C: Teaching Practices</b>						
<b>TP-301</b>	Teaching Practice: (Teaching Lesson Plans for Racket Sports/Team Games/Indigenous Sports) (out of 04 lessons 02 internal and 02 external at practicing school)	6	4	20	80	100
<b>Total</b>		<b>40</b>	<b>32</b>	<b>160</b>	<b>640</b>	<b>800</b>

**Note: Total Number of hours required to earn 4 credits for each Theory Course are 60-65 hours per semester where as 100-110 hours for each Practicum Course.**

## Semester – IV

<b>Part-A: Theoretical Course</b>						
Course Code	Title of the Papers	Total Hours	Credit	Internal Marks	External Marks	Total Marks
<b>CC-401</b>	Measurement and Evaluation in Physical Education	4	4	20	80	100
<b>CC-402</b>	Kinesiology and Biomechanics	4	4	20	80	100
<b>CC-403</b>	Research and Statistics in Physical Education	4	4	20	80	100
<b>CC-404</b>	Theory of Sports and game and their officiating and Coaching	4	4	20	80	100
<b>Part –B: Practical Course</b>						
<b>PC-401</b> <b>P.L/I.N</b>	Track and Field: (Throwing Events, Hurdles & Relay)/Swimming	6	4	20	80	100
<b>PC-402</b> <b>P.L/I.N</b>	Baseball/Cricket/Hockey/Handball/Netball /Table Tennis/Lawn Tennis (Any two of these)	6	4	20	80	100
<b>Part – C: Teaching Practices</b>						
<b>TP-401</b>	Sports & Games specialization: Class room Teaching lessons Plans (4 lessons)	6	4	20	80	100
<b>TP-402</b>	Games specialization: Coaching lessons Plans (4 lessons)	6	4	20	80	100
<b>Total</b>		<b>40</b>	<b>32</b>	<b>160</b>	<b>640</b>	<b>800</b>
		<b>160</b>	<b>128</b>	<b>640</b>	<b>2560</b>	<b>3200</b>

**Note: Total Number of hours required to earn 4 credits for each Theory Course are 60-65 hours per semester where as 100-110 hours for each Practicum Course.**

- P.L : Particular lesson pedagogy at school
- I.N: Internship programme.

Practicum regulation scheme T.P.201, T.P. 301, T.P.401, T.P.402 will be the Internal evaluation, the Evaluation is purely based on the attendance, ability of the teacher, and competency in handling the classes (Classroom and Field Coaching, Training). It will be evaluated by the Head Master of the School, Subject Expert form the school, one faculty member from the University/Department /College. The evaluation will be done immediately after the class by the above said committee. The assessment will be done for 70 marks, in each semester as per the regulation.

**Lesson:-** A minimum of 30 lessons out in the school / college/ institution / department shall be conducted.

Semester	Course Code	Title of the Practical	Internal Work	Marks	External Exam	Marks
II	TP 201	A. Teaching Practices – <b>School subject</b> (05 Micro and 05 School) <u>University Exam One Lesson</u>	(05 Micro and 05 School)	<b>10</b>	1 Lesson Academic	<b>40</b>
		B. Teaching practice <b>Physical Lesson</b> (05 Micro and 05 Physical) <u>University Exam One Lesson</u>	(05 Micro and 05 Physical)	<b>10</b>	1 Lesson Physical	<b>40</b>
III	TP 301	Teaching Practice ( Teaching Lesson plans for Rocket Sports / Team /Game/ Indigenous Sport )	Out of 04 lesson 2 internal and 2 external at practicing school	<b>20</b>	1 Lesson	<b>80</b>
IV	TP 401	Sports & Games specialization:- Class room Teaching lessons Plans	One for Sport 4 lesson	<b>20</b>	1 Lesson	<b>80</b>
	TP 402	Game specialization:- Coaching lesson plans	One for Game 4 lesson	<b>20</b>	1 Lesson	<b>80</b>

## Structure of Examination

### Semester - I

Course Code	Title of the Papers	Internal	External	Total Marks
<b>THEORY (400)</b>				
<b>CC-101</b>	History, Principles and foundation of Physical Education and Olympic Movement	20	80	100
<b>CC-102</b>	Anatomy, Physiology Sports Medicine, Physiotherapy and Rehabilitation	20	80	100
<b>CC-103</b>	Health Education and Environmental Studies	20	80	100
<b>CC-104</b>	Methods of Teaching School Subject ( Any one of the following subject) Marathi, Hindi, English, History, Geography, Economics, Commerce, Agriculture, Science, Mathematics	20	80	100
<b>PRACTICAL (400)</b>				
<b>PC-101</b>	Track and Field (Runs- Sprints, Middle distance, long distance )	20	80	100
<b>PC-102</b>	Gymnastics/ Aerobics	20	80	100
<b>PC-103</b>	Indigenous Sports: Kabaddi / Kho-Kho /Mallkhambh / Lezim	20	80	100
<b>PC-104</b>	Mass Demonstration Activities: Dumbbells /Indian club / Wands / Hoop / Flag/ March past	20	80	100
<b>Total</b>		<b>160</b>	<b>640</b>	<b>800</b>

### Semester - II

Course Code	Title of the Papers	Internal Marks	External Marks	Total Marks
<b>THEORY (400)</b>				
<b>CC-201</b>	Yoga Education	20	80	100
<b>CC-202</b>	Educational Technology and Methods of Teaching in Physical Education	20	80	100
<b>CC-203</b>	Organization, Administration and Sports Management	20	80	100
<b>CC-204</b>	Contemporary issues in Physical Education: Fitness, Wellness, Sports Nutrition and Weight Management	20	80	100
<b>PRACTICAL (400)</b>				
<b>PC-201</b>	Tack and Field (Jumping Events)	20	80	100
<b>PC-202</b>	Yoga/Zumba	20	80	100
<b>PC-203</b>	Racket Sports: Badminton/ Table Tennis /Lawn Tennis	20	80	100
<b>TEACHING PRACTICE (100)</b>				
<b>TP-201</b>	Teaching Practices (05 lessons in class room <b>School subject</b> teaching and 05 lessons in outdoor activities)	20	80	100
<b>Total</b>		<b>160</b>	<b>640</b>	<b>800</b>

### Semester - III

Course Code	Title of the Papers	Internal	External	Total Marks
<b>THEORY (400)</b>				
CC-301	Sports Training	20	80	100
CC-302	Computer Applications in Physical Education	20	80	100
CC-303	Sports Psychology and Sociology	20	80	100
CC-304	Curriculum Design	20	80	100
<b>PRACTICAL (300)</b>				
PC-301	<b>Elective Skill Oriented Course:</b> Gym Instructor/Aerobics and Zumba Trainer (Any One)	20	80	100
PC-302	<b>Combative Sports:</b> Martial Art/Karate/Judo/Fencing/Boxing/Taekwondo/Wrestling (Any two out of these)	20	80	100
PC-303	<b>Team Games:</b> Football/Softball/Volleyball/Handball/Basketball (Any two of these)	20	80	100
<b>TEACHING PRACTICE (100)</b>				
TP-301	<b>Teaching Practice:</b> (Teaching Lesson Plans for Racket Sports/Team Games/Indigenous Sports) (out of 10 lessons 5 internal and 5 external at practicing school)	20	80	100
<b>Total</b>		<b>160</b>	<b>640</b>	<b>800</b>

### Semester - IV

Course Code	Title of the Papers	Internal Marks	External Marks	Total Marks
<b>THEORY (400)</b>				
CC-401	Measurement and Evaluation in Physical Education	20	80	100
CC-402	Kinesiology and Biomechanics	20	80	100
CC-403	Research and Statistics in Physical Education	20	80	100
CC-404	Theory of Sports and game and their officiating and Coaching	20	80	100
<b>PRACTICAL (200)</b>				
PC-401	<b>Track and Field:</b> (Throwing Events, Hurdles & Relay)/Swimming	20	80	100
PC-402	Baseball /Handball/Netball/ Hockey /Cricket /Table Tennis/Lawn Tennis(Any two of these)	20	80	100
<b>TEACHING PRACTICE (200)</b>				
TP-401	Teaching Practices (05lessons in class room teaching and 05 lessons in outdoor activities)	20	80	100
TP-402	Game Specialization Coaching lessons: Kabbadi/Kho-Kho/Baseball/Cricket/Football/Hockey/Softball/Volleyball/Handball/Basketball/Netball/Badminton/Table Tennis/Lawn Tennis (Any of one out of these)	20	80	100
<b>Total</b>		<b>160</b>	<b>640</b>	<b>800</b>

**The course curriculum is of 3200 marks, Total Credits :-128**

**Pattern:-** Two Year Semester pattern

**01 Credit = 25 Marks**

**For Theory, 01 Credit =15 Periods**

**For Practical, 01 Credit =24 Periods**

**Table -1: Semester wise distribution of hours per week**

<b>Semester</b>	<b>Theory</b>	<b>Practicum</b>	<b>Teaching Practice</b>	<b>Total</b>
<b>I</b>	<b>16</b>	<b>24</b>	<b>00</b>	<b>40</b>
<b>II</b>	<b>16</b>	<b>18</b>	<b>06</b>	<b>40</b>
<b>III</b>	<b>16</b>	<b>18</b>	<b>06</b>	<b>40</b>
<b>IV</b>	<b>16</b>	<b>12</b>	<b>12</b>	<b>40</b>
<b>Total</b>	<b>64</b>	<b>72</b>	<b>24</b>	<b>160</b>

**Table -2: Number of credits per semester**

<b>Semester</b>	<b>Theory</b>	<b>Practicum</b>	<b>Teaching Practice</b>	<b>Total</b>
<b>I</b>	<b>16</b>	<b>16</b>	<b>00</b>	<b>32</b>
<b>II</b>	<b>16</b>	<b>12</b>	<b>04</b>	<b>32</b>
<b>III</b>	<b>16</b>	<b>12</b>	<b>04</b>	<b>32</b>
<b>IV</b>	<b>16</b>	<b>08</b>	<b>08</b>	<b>32</b>
<b>Total</b>	<b>64</b>	<b>48</b>	<b>16</b>	<b>128</b>

**B.P.Ed., Programme**  
**Outline of Syllabus**  
**Semester -I**

**Theory Courses**

**CC-101 HISTORY, PRINCIPLES AND FOUNDATION OF PHYSICAL EDUCATION AND OLYMPIC MOVEMENTS**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Introduction**

- ✦ Meaning, Definition and Scope of Physical Education
- ✦ Aims and Objective of Physical Education
- ✦ Importance of Physical Education in present era.
- ✦ Misconceptions about physical Education.
- ✦ Relationship of Physical Education with General Education
- ✦ Physical Education in India.

**Unit-2 Awards in Physical Education and Sports**

- ✦ Padmashri , Padmabhushan & Padmavibhushan Awards
- ✦ Arjun Award
- ✦ Dhronacharya Award
- ✦ Rajiv Gandhi khel Ratna Award
- ✦ Shri Chhatrapati Award

**Unit-3: Foundation of Physical Education and Principles of Physical Education**

- ✦ Philosophical Foundation.
- ✦ Idealism, Pragmatism, Naturalism, Realism, Humanism, Existentialism, and Indian Philosophy and Culture.
- ✦ Fitness and Wellness movement in the contemporary perspectives.
- ✦ Sports for all and its role the maintenance and promotion of fitness.

**Biological**

- Growth and development
- Age and gender characteristics
- Body Types
- Anthropometric differences

**Psychological**

- Learning types, learning curve
- Laws and principles of learning
- Attitude, interest, cognition, emotions and sentiments

**Sociological**



- Society and culture
- Social acceptance and recognition
- Leadership
- Social integration and cohesiveness

#### **Unit-4: Different Olympics Games and Committees of Olympics' Games**

- Significance of Olympics Ideals Olympic Rings And Flag
- The early history of the Olympic Movement
- Para Olympic Games
- Youth Olympic Games
- International Olympics Games Structure and Functions
- National Olympics Committees and their role in Olympics Movement
- Sport's for All

#### **Reference:**

Bucher, C.A (n.d) Foundation of Physical Education. St. Louis: The C.V. Mosby Co.

Deshpande, S.H. (2014). Physical Education in Ancient India. Amravati: Degree college of Physical Education. (Maharashtra)

Mohan, V.M. (1969). Principles of Physical Education. Delhi: Metropolitan Book Dep.

Nixon, E.E. & Cozen, F.W. (1969). An introduction to Physical Education, Philadelphia: W.B. Saunders Co.

Obertuffer, Delbert (1970) Physical Education, New York; A.S. Barnes & Co.

Sharman, J.R. (1964). Introduction to Physical Education. New York; A.S. Barnes & Co.

William, J.F. (196). The Principles of Physical Education. Philadelphia; W.B. Saunders Co.

Osborne, M.P. (2004) Magictree house fact tracker; ancient Greece and the Olympics: a non fiction companion to magic tree house; hour of the Olympics. New York; Random House Books for Young Readers.

Burbank, J.M. Andranovich, G.D. & Heying Boulder, C.H. (2001) Olympic dreams; the impact fo mega events on local politics; Lynne Reinner

<http://www.olympic.org/olympism-in-action>.

## Semester –I

### CC-102: ANATOMY, PHYSIOLOGY, SPORTS MEDICINE, PHYSIOTHERAPY AND REHABILITATION

Credits : Theory:- 4

Total Theory Lectures:- 60

#### Unit-1: Introduction

- ☀ Brief introduction of Anatomy and Physiology.
- ☀ Need and importance of anatomy and physiology
- ☀ Meaning and definition of Sports medicine, Physiotherapy and Rehabilitation
- ☀ Need and importance of Physiotherapy and Rehabilitation Guiding principles of Physiotherapy

#### Unit-2: Body Systems and Effect of Exercise on Various Systems

- ☀ Digestive system – its parts and digestion of food in mouth, stomach and small intestine
- ☐ Respiratory system – Organs of respiratory system internal and external Respiration, vital capacity, Oxygen debt and second wind.
- ☐ Circulatory system – its Organs, general circulation of blood, function of blood, Blood pressure, coagulation of Blood.
- ☐ Muscular system – Classification, Types and Muscular contraction, Muscle fatigue,
- ☀ Muscle Pull, Muscle cramp.

#### Unit-3: Sports Medicine

- ☀ Meaning and concept of sports medicine.
- ☀ Aim and objective of sports medicine
- ☀ Common regional injuries, causes, prevention and their management – shoulder, elbow, wrist, knee and ankle
- ☀ Doping – Types of Doping, agents, effects, dope test and sanctions.

#### Unit-4: Introduction

- ☀ Rehabilitation in sports – Meaning, principles, means and methods
- ☀ Diagnosis of injuries – signs and symptoms of injuries.
- ☀ Different forms of Hydrotherapy the Thermotherapy – hot and cold packs, whirlpool, contrast bath, infrared, short wave diathermy and ultrasound.
- ☀ First aid – meaning, Fracture, Types of Fracture, First Measure of Fracture,
- ☀ Artificial Respiration, Types and Method, Essential Material in First aid box.
- ☀ Massage –Meaning, Types of classification, general principles of massage

## Reference:

D. (1979), A Christine, M.D. (1999) Physiology of Sports and Exercise, USA: Human Kinetics.

Conley, M (2000). Bioenergetics of Exercise Training. In T.R. Baechle, & R.W. Earle, (Eds.), Essentials of Strength Training and Conditioning (pp.73-90). Champaign, IL: Human Kinetics.

David, R.M (2005). Drugs in Sports, (4<sup>th</sup> Ed). Routledge Taylor and Francis Group.

Gupta, A.P. (2010). Anatomy and Physiology. Agra: Sumit Prakashan.

Gupta, M and Gupta M.C. (1980). Body and Anatomical Science. Delhi: Swaran Printing Press.

Guyton, A.C (1996). Textbook of Medical Physiology, 9<sup>th</sup> edition, Philadelphia: W.B. Saunders.

Hunter, M. dictionary for physical educators. In H.M. Borrow and R. McGee, (Eds), A Practical approach to measurement in Physical Education (pp. 573-74). Philadelphia: lea & Febiger.

Karpovich, P.V. (n.d.) Physiology of Muscular Activity. London: W.B. Saunders Co.

Lamb, G.S. (1982). Essentials of Exercise Physiology. Delhi: Surjeet Publication.

Moorehouse, L.E. & Miller, J. (1967). Physiology of Exercise. St. Louis: The C.V. Mosby Co.,

Pearce, E.C. (1962). Anatomy and Physiology for Nurses. London: Faber & Faber Ltd.,

Sharma, R.D. (1979). Health and Physical Education, Gupta Prakashan.

Singh, S. (1979). Anatomy and Physiology and Heralth Education. Ropar:

Jeet Publications.

## Semester -I

### CC-103: HEALTH EDUCATION AND ENVIRONMENTAL STUDIES

Credits : Theory:- 4

Total Theory Lectures:- 60

#### Unit-1: Health Education

- ☰ Concept, Dimensions, Spectrum and Determinants of Health
- ☰ Definition of Health, Health Education, Health Instruction, Health Supervision
- ☰ Aim, objective and Principles of Health Education
- ☰ Health Service and guidance instruction in personal hygiene

#### Unit-2: Health Problems in India

- ☰ Communicable and Non Communicable Diseases
- ☰ Obesity, Malnutrition, Adulteration in food, Environmental sanitation, Explosive Population.
- ☰ Personal and Environmental Hygiene for schools
- ☰ Objective of school health service, Role of health education in schools
- ☰ Health Service – Care of skin, Nails, Eye health service, Nutritional service, Health appraisal, Health record, Healthful school environment, first aid and emergency care etc.,

#### Unit-3: Nutrition and Food

- ☰ Components of Food
- ☰ Caloric Value of Food items.
- ☰ Daily replacement of Food.
- ☰ Balanced Diet , Athlete Diet
- ☰ Under Nutrition & Malnutrition.
- ☰ Food habits, constipation & indigestion.

#### Unit-4: Natural Resources and related environmental issues:

- ☰ Water resources, food resources and Land resources
- ☰ Definition, effects and control: measures of Air Pollution, Water Pollution, Soil Pollution, Noise Pollution, Thermal Pollution.
- ☰ Management of environment and Govt. policies, Role of Pollution Control Board.

#### Reference:

Agrawal, K.C. (2001). Environmental Biology, Bikaner: Nidhi Publishers Ltd.,

Frank, H.& Walter, H., (1976). Turners school health education, Saint Louis; The C.V. Mosby Company.

Nemir, A. (n.d.). The school health education. New York; Harber and Brothers.

Odum, E.P. (1971). Fundamental of Ecology U.S.A. W.B. Saunders Co.

Semester -I

CC-104: Methods of Teaching School Subject

( Any one of the following subject) Marathi, Hindi, English, History, Geography, Economics, Commerce, Agriculture, Science, Mathematics

PAPER NO. IV

METHODS OF THE SCHOOL SUBJECT

Each School Subject Credits : Theory:- 4

Total Theory Lectures:- 60

(Any one of the following school subject)

- 1) Marathi 2) Hindi 3) English 4) History 5) Geography
6) Economic 7) Science 8) Commerce 9) Agricultural 10) Mathematics

MARATHI METHODOLOGY

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†) ÆÖÖ-Ö ¾Ö ´ÖÆÜÿ¾Ö :

- 1) †³μÖÖ-Ö- †³μÖÖ-ÖÖÿÖ ´Ö,ÜÖšÜß“ÖÊ (´ÖÖÿÖÉ³ÖÖÃÖÊ“ÖÊ) ´ÖÖ-μÖ´Ö ´ÆÜ ÖÆ-Ö ÆÖÖ-Ö
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6) ¾ÖÖİ-μÜ, ¾ÖÖ¾Ö-ÖÖ ¾Ö †-ÖÃ³¾Ö ÜÖμÖÖÿ´Ö Ú ¾ÖÖÖÿÖß ×¾Ö ÜÖÃÖ ÆÖÖ-Ö μÖÖ´ÖÊ ÆÖÖ-Ö-Ö.
7) -ÖÖ-Ö ¾Ö ´Ö-ÖÖÊ,ÖÜ•Ö-Ö ´ÖİÖ´ÿÖß“ÖÊ ÆÖÖ-Ö-Ö.

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Ö™Ü ú-2†) ´Ö,ÜÖšÜß †³μÖÖ´Ö-ÖÖ“ÖÊ ÆÆÜÿÖÆ ¾Ö ×§ÜÃ™ÉÜ.

†) ´ÖİÖ´Ö´Ö ÖÖÃÖÖ ´ÆÜ ÖÆ-Ö ´Ö,ÜÖšÜß“μÖÖ †³μÖÖ´Ö-ÖÖ“ÖÊ ÆÆÜÿÖÆ ¾Ö ×§ÜÃ™ÉÜ †Ö Ú»Ö-Ö, ÜÃÖ ÖİÆÜ Ö,
¾Ö×ÜÃÖÖ´ÖÖÖß“ÖÖ ×¾Ö ÜÖÃÖ, ´ÖÖ× Ö Ú ¾Ö »ÖÊ Ö-ÖÖ«ÜÖ,ÉÜ †Ö¾ÖμÖÖÿÖß, ÆÖÖ×ÆÜÿμÖÖ´ÖÖ ´ÖÜÖμÖ.

2Ö) ´Ö,ÜÖšÜß †³μÖÖ´Ö-ÖÖ“Öß ¾Ö ÖÖ ×§ÜÃ™ÉÜ ¾Ö ÿμÖÖÖ´ÖÊ ÆÖÜÃ™Üß,Ü,Ü ÖÊ.

Ü) ´ÖÆÜÖ,ÜÖÃ™ÖÜÖÿÖß“Ö ´ÖÖ-μÖ×´Ö Ú ¾ÖÖÖÜÖÖÿÖß“Ö ×-ÖμÖÃÖÿÖ †³μÖÖÃÖ ÎÚ´ÖÖ´Öß ×§ÜÃ™ÉÜ.

¾Ö) ´Ö,ÜÖšÜß †³μÖÖ´Ö-ÖÖ“μÖÖ ×¾Ö×¾Ö-Ö ´Ö-μÿÿÖß, ´ÖμÖÃÖÿμÖÖ ¾Ö ÿÖÖ,ÖÊ.

†) †³μÖÖ´Ö-ÖÖ“Öß ÆÖÖ,ÜÖÊ.





- 8) ¾μÖÖ Ú,Ü Ö ÚÖ †¬μÖÖ¯Ö-Ö |
- 9) -ÖÖ™Ü¶ |

²Ö) 'öÆ»μÖÖÓ ú-ö-öï ÖÖ»Öß

- †) ØÆÜ=Üß ³ÖÖÁÖÖ 'ØÆµÖÖÓ Ú-Ö -Öï ÖÖ»Öß ÚÖ Á%Ö'Ý'Ö-Öï¿-Ö ÉÚ-Öï ÚÖ,Ü, ¯Ö, Üß ÖÖ x-ÖμÖÖÊ-Ö-Ö |
- ²Ö) 'Ö™ÜÚ ÚÁÖÖÊ™Üß-,Ü-Ö-ÖÖ ÝÖÖÖÖ ¯Ö¿ÖÖÁÖ-Ö |
- Ú) x-Ö=ÜÖ-ÖÖÝ'Ö Ú-Ö, Üß ÖÖ †Öï,Ü-Ö-ÖÖ,ÜÖÝ'Ö Ú †¬μÖÖ¯Ö-Ö |

'ö™Ü ú-4†) ØÆÜ=Üß †¬μÖÖ¯Ö ú

- †) ØÆÜ=Üß †¬μÖÖ¯Ö Ú Úß ¯ÖÖ,ÖÝÖÖ ÝÖÖÖÖ Ö Ö%ÖÊ¿Ö |
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- 2) †¬μÖÖÁÖÖ-ÖÁ%ÖÖÝÖÖÖÖ ú ú ú ú Ú'ÖÖÊ ÚÖ ¿ÖÖ»ÖÖ 'ÖÊ †ÖμÖÖÊ-Ö-Ö |
- 3) x ÚÁÖß < Ú ³ÖÖ×ÁÖ ú ú ú ú ÚÖï¿Ö»μÖÖ%Ö,Ü †Ö-ÖÖ×,ÜÝ'Ö'Ö™ÜÚ Úß x-Ö=ÜÖ-ÖÖÝ'Ö Ú ÚÁÖÖÊ™Üß ³Ö-ÖÖ-ÖÖ |
- 4) x ÚÁÖß³Öß < Ú x%ÖÁÖÖμÖÖ¯Ö,Ü x³ÖÖÖß-ÖïÖ Ú ²Ö-ÖÖ-ÖÖ |
- 5) x ÚÁÖß³Öß < Ú 'Ö™Ü Ú ÚÖ 'Ö™ÜÚ x-ÖμÖÖÊ-Ö-Ö ÝÖÖÖÖ 'ÁÖ Úß 'Ö™ÜÚ Ú ÚÁÖÖï™Üß ³Ö-ÖÖ-ÖÖ |

**BOOKS RECOMMENDED :**

- 1) ØÆÜ=Üß †¬μÖÖ¯Ö-Ö - ¯ÖïÖ. ²Ö. ²Öß. ¯ÖÓx>ÜÿÖ.
- 2) ØÆÜ=Üß †¬μÖÖ¯Ö-Ö ¯Ö¬µÜÿÖß - ¯ÖïÖ. ²ÖÖ. ÁÖ. ²ÖÖÊ²ÖÊ.
- 3) ØÆÜ=Üß †Ö¿ÖμÖμÖÁÖÆÿÖ †¬μÖÖ¯Ö-Ö ¯Ö¬µÜÿÖß - >ÜÖÖ. ¯ÖßÜÖ Ö ²Öß. ²Öß. (-ÖÁÿÖ-Ö-Öï ÚÖ¿Ö-Ö, ¯ÖÁ ÖÊ)
- 4) ØÆÜ=Üß †Ö¿ÖμÖμÖÁÖÆÿÖ †¬μÖÖ¯Ö-Ö ¯Ö¬µÜÿÖß - %ÖÖÁ Ú,Ü †Ö-ÖÖ=Ü †Öï,Ü %ÖÖÁ Ú,Ü ¯ÖÁÁ'ÖÖ (¯ÖÁ ÖÊ 'ÖÊÆÜÿÖÖ ¯ÖÜ»ÖÖ¿Ö Ö ÆÜÖ%ÜÁÖ)



## ENGLISH METHODOLOGY

### Syllabus :

#### Unit 1 A) Place of English in curriculum :

- 1) Place of English as a Foreign Language in the school curriculum, three languages formula.
- 2) Importance of English in the present set up-the role of English as an international language, as a library language as a second language in a multilingual society etc.
- 3) Correlation of English language within the subject and with other subject.

#### B) Aims and objectives of teaching English :

- 1) Aims and objective of teaching English as a second language.
- 2) Classroom (Instructional) objective of teaching English and their specifications  
English as a skill subject : developing language skills listening with comprehension speaking, reading and writing.
- 3) Objectives of the subject as given in the syllabus of Maharashtra State Board of secondary and Higher Secondary educational.

#### Unit 2 A) The nature of English :

- 1) The nature of English Language. Its vocabulary, structures speech, sound, stress and intonation.
- 2) Pronunciation-expected standard.
- 3) The use of phonetics.
- 4) The problem of spelling.
- 5) The principles of language study.

#### B) Methods, Devices and Techniques of teaching English :

- 1) Methods : Grammar – translation, Direct, Dr. Vest’s new structural approach Bilingual approach, electric.
- 2) Devices : Narration, Questioning, explanation, illustration, dramatization, drilling.
- 3) Techniques : Discussion, assignment, supervised study.

#### Unit 3 A) Learning Experiences and Teaching, Aids :

- 1) Learning Experiences, Listening with comprehension, speech practice, practice in reading aloud, silent reading, writing, recitation, using various aids and activities.
- 2) Teaching aid and instructional materials : Pictures, flashcards for reading with stress and intonation, sentence cards, projectors, guided composition, radio, T.V. linguaphone, tape recorder, language laboratories.
- 3) Co-curricular activities : Debate, language games, class magazine, collection of proverbs-idioms-poems, dramatization, Essay competition, wall news-paper etc.

### **B) Teaching various aspects of English :**

- 1) Teaching at the initial stage.
- 2) Teaching of Prose : Textbooks, vocabulary and structures used differences between reader and text-book, supplementary readers, the use of library methods and techniques of teaching prose content.
- 3) Teaching of poetry : The place of poetry in teaching English. Objective of Teaching poetry, selection of poems, methods and techniques of teaching poetry.
- 4) Teaching of grammar : The place grammar, Formal and functional grammar, methods and technique of teaching grammar and structures.
- 5) Teaching writing : Mechanics of writing, methods of teaching script composition and correction of composition. The place of translation and paragraphs in the English teaching and their methods.
- 6) Teaching reading : Objectives and methods of teaching reading types of reading intensive, extensive reading aloud-silent reading. Developing oral skills. Pronunciation. Vowels, consonants and stress.

### **Unit 4 A) Evaluation :**

- 1) Oral and written test, types of questions.
- 2) Unit test : concept and construction.
- 3) Diagnostic test and remedial teaching.

### **B) The English Teacher :**

- 1) Qualification and essential qualities of a teacher English.
- 2) Professional growth of the teacher, awareness of innovative practices and their implications.
- 3) English teachers association : Need and programmes.

### **Practicum : (Any one of the following)**

- 1) Critical study of any textbook of English.
- 2) Unit plan and unit test on any unit.
- 3) Project on a chosen theme.
- 4) Critical evaluation of any five T.V. lessons in teaching of English.
- 5) To prepare a diagnostic test on any unit in English.

### **Books Recommended :**

- 1) English Methodology.

## **HISTORY METHODOLOGY**

### **Unit 1 A) Place of History in curriculum :**

- 1) History : Meaning and scope with special reference to modern concept to History.
- 2) Kinds of History.
- 3) Place and importance of History in the school curriculum and in human life.
- 4) Correlation : Correlation of the subject with other school subject.

#### **B) Aims and objectives of teaching History :**

- 1) Aims, objectives and values of teaching History at secondary level of education.
- 2) Instructional objectives of teaching History with their specification.
- 3) Objective of the subject as given in the present curriculum in Secondary school.

### **Unit 2 A) Methods, Devices and Techniques of History :**

- 1) Methods : story, narration, source, project discussion dramatization, lecturer textbook, Dalton plan.
- 2) Devices Question and answer, description, dramatization, narration explanation homework, etc.
- 3) Technique : Discussion assignment, supervised study, team teaching computer programmer etc.
- 4) Maxims of teaching as applied to the teaching of History.

#### **B) Learning Experience and Instructional Materials :**

- 1) Learning experience : direct and indirect as well as verbal and non-verbal learning experience helpful in teaching of history, use of various instructional materials and activities.
- 2) Instructional materials and aids : Instructional Materials : Text Book, supplementary reading materials, workbook, general reference material, advance book on history instructional materials for teacher's such as teacher's handbook and manuals.
- 3) Teaching Aids pictures maps. Charts. Periodicals, timeline and time chart slides, filmstrips, Models, boards, projectors, radio, tape-recorder. T.V. vide motion pictures.
- 4) Co-curricular activities : importance and organization of relevant curricular and co-curricular activities such as debates, collections, excursion. Dramatization. Role of history, club exhibition, museum, visits and essay competitions.

### **Unit 3 : Evaluation :**

- 1) Evaluation procedures used in teaching and learning of history, types of examination and administration.
- 2) Unit Test : construction and administration.
- 3) Diagnostic approach and remedial teaching in History.

**Unit 4 : History :**

- 1) Qualification and qualities of History teacher.
- 2) Professional training and growth of the teacher.
- 3) History teacher organization : its contribution to professional competencies.

**Practicum : (Any one of the following)**

- 1) To prepare a diagnostic test on any unit in History.
- 2) To prepare a wallpaper on any unit in History.
- 3) To organize any one co-curricular activity in school related to History teaching.
- 4) Historical tour and its report.
- 5) To prepare unit plan and written-test on any unit in History.
- 6) Project on a chosen theme.

**Books Recommended :**

- 1) *Qualification and qualities of History teacher.* - *Professional training and growth of the teacher.* - *History teacher organization : its contribution to professional competencies.*
- 2) *History teacher organization : its contribution to professional competencies.* - *History teacher organization : its contribution to professional competencies.* - *History teacher organization : its contribution to professional competencies.*

## **GEOGRAPHY METHODOLOGY**

### **Unit 1 A) Place of Geography in curriculum :**

- 1) Geography : Meaning, scope, distribution and description of earth. Study of the landscape, distribution on earth. Study of causal relationship. Study of spatial relationship, earth as a home of Man, the interaction with man and his environment, etc. grammar of Geography.
- 2) The people and importance of geographical in school curriculum.
- 3) Correlation of Geography within the subject and other school subject.

### **B) Aims and Objectives of Teaching Geography :**

- 1) Aims and objectives of teaching Geography at Secondary level of education.
- 2) Instructional objectives of teaching Geography with their specification.
- 3) Objectives of the subject as given in the present curriculum in secondary school.

### **Unit 2 A) Methods, Devices and techniques of teaching Geography :**

- 1) Methods : Story, lecture observation, journey, object, original comparative, project and laboratory.
- 2) Devices and techniques of teaching : question-answer, description, narration explanation, discussion, map reading, map making, fieldwork, assignment, supervised study, modern trends and techniques.
- 3) Maxims of teaching as applied to the teaching of Geography.

### **B) Learning Experience and Instructional Materials :**

- 1) Learning Experiences : Direct and Indirect as well as verbal and non verbal learning experiences helpful in teaching of Geography, use of the various instructional materials and activities.
- 2) Instructional Materials and Aids : Text books, Teachers handbook, workbook atlases, different types of maps, globe, charts, graphs, models, specimens, pictures, films, slides, filmstrips, different types of projectors epidiacope radio. Video, magazines. Newspapers. Meteorological instruments.
- 3) Co-curricular activities, Geography club, geography fair, exhibitions wallpaper, museum, visits and excursions.
- 4) Geography Room : Importance and utilization.

### **Unit 3 : Evaluation :**

- 1) Evaluation procedures used in teaching and learning of Geography, types of examination and types of questions.
- 2) Units test : construction and administration.
- 3) Diagnostic testing and remedial measures in teaching in Geography.

**Unit 4 : History :**

- 1) Qualification and qualities of Geography teacher.
- 2) Professional growth of a Geography teacher.
- 3) Geography teacher organization and its contribution to professional competencies of the teacher.

**Practicum : (Any one of the following)**

- 1) To prepare a diagnostic test on any unit in Geography.
- 2) To prepare a wallpaper on any unit in Geography.
- 3) To organize any one Co-curricular activity in school related to Geography teaching.
- 4) Geographical tour and its report.
- 5) Project on a chosen theme.
- 6) To prepare unit plan and unit test on any unit in Geography.
- 7) Critical evaluation of any five T.V. lesson in Geography.

**Books Recommended :**

- 1) *Geography for Class VI* - NCERT, New Delhi.
- 2) *Geography for Class VII* - NCERT, New Delhi.
- 3) *Geography for Class VIII* - NCERT, New Delhi.

## **ECONOMIC METHODOLOGY**

### **Unit 1 A) Place of Economic in curriculum :**

- 1) Aims and general objectives of teaching economic at secondary school level.
- 2) Objectives of the subject as given in the present school.
- 3) Instructional objectives of teaching Economic with their specification.

### **B) Aims and objectives of Teaching Economic :**

- 1) Aims and general objectives of teaching Economics at Secondary school level.
- 2) Objectives of the subject as given in the present school curriculum.
- 3) Instructional objectives of teaching Economic with their specification.

### **Unit 2 A) Methods, Devices and techniques of teaching Economic :**

- 1) Methods : lecture, project, survey, problem solving, discussion seminars symposium, inductive deductive, unit.
- 2) Devices and techniques of teaching : Questioning, narration, observation, Clarification, assignment, demonstration, drill etc.
- 3) Maxims of teaching as applied to the teaching of Economic.

### **B) Learning Experience and Instructional Materials :**

- 1) Learning Experiences : Direct and Indirect as well as verbal and non-verbal learning experiences, use of instructional materials and activities teaching economics.
- 2) Instructional Materials and Aids : Text books, magazines, Newspapers. Teacher handbooks.
- 3) Co-curricular activities, Economic club, exhibitions wallpaper, talks by experts symposium etc.

### **Unit 3 A) Teaching of various aspects of Economic :**

- 1) Economics, as an art and a science, Economical language.
- 2) Economical, writing, Historical economics, Geographical.
- 3) Economics, Business economic, National economic, Statistical.
- 4) Economics, Micro-Economic, Agro economic, Economic of the developed and underdeveloped countries.

### **B) Evaluation :**

- 1) Evaluation procedures used in teaching and learning of Economic, types of examination and types of questions.
- 2) Units test : construction and administration.
- 3) Diagnostic approach and remedial teaching in Economic.

**Unit 4 : Economic Teacher :**

- 1) Qualification and essential qualities economics teacher.
- 2) Professional growth of a Economic teacher.
- 3) Economic teachers association and its contribution to professional competencies of the teacher.

**Practicum : (Any one of the following)**

- 1) To prepare a diagnostic test on any unit in Economics.
- 2) To prepare a wallpaper on any unit in Economics.
- 3) To organize any one co-curricular activity in school related to Economics teaching.
- 4) Project on a chosen them Economics.
- 5) To prepare unit plan and unit test on any unit in Economics.

**Books Recommended :**

- 1)  $\text{†}\text{£}\text{Ö}\text{Ö}\text{¿}\text{Ö}\text{Ö}\text{Ã}\text{j}\text{Ö}\text{ †}\text{¬}\text{μ}\text{Ö}\text{Ö}\text{¬}\text{Ö}-\text{Ö}\text{ ¬}\text{Ö}\text{¬}\text{α}\text{Ü}\text{Y}\text{Ö}\text{ß} - \text{¬}\text{Ö}\text{I}\text{Ö}.  $\text{Ö}\text{ß}\text{Y}\text{Ö}\text{Ö}\text{α}\text{Ê}\text{Ü}\text{¼}\text{Ö}\text{ß}\text{ ¬}\text{Ö}\text{Ö}\text{™}\text{Ü}\text{ß}\text{»}\text{Ö}.$$



## COMMERCE METHODOLOGY

### Unit 1 A) Place of Commerce in curriculum :

- 1) Commerce : importance of commerce education in school curriculum.
- 2) Place and importance of commerce education in school curriculum.
- 3) Correlation to commerce subject with other subject and within the subject.

### B) Aims and objectives of Teaching Commerce :

- 1) Aims and general objectives of teaching Commerce.
- 2) Objectives of the subject as given in the present school curriculum.
- 3) Instructional objectives of teaching Commerce with their specification.

### Unit 2 A) Curriculum and textbook in commerce :

- 1) Importance of curriculum and criteria of a good curriculum, Nature of the syllabus, Hierarchy and structure of the subject.
- 2) Critical study of the present courses in commerce with reference to principles of curriculum construction at secondary level.
- 3) Characteristic of a good textbooks and critical analysis of the prescribed textbook.
- 4) Content analysis : concept and process.

### B) Methods, Devices and techniques of Commerce teaching :

- 1) Various approaches in teaching : Historical, seminar, project practice, Cost study.
- 2) Methods : lecture, discussion, observation (Survey) problem solving, project, Inductive deductive, demonstration. Unit text book etc.
- 3) Devices and techniques : Question answer, narration, assignment, illustration, explanation, and supervised study.
- 4) Maxims of teaching as applied to the teaching of Commerce.

### Unit 3 A) Learning Experience and Instructional Materials :

- 1) Learning Experiences : Direct and Indirect as well as verbal and non-verbal learning experiences helpful in teaching of commerce. Use of instructional materials and activities.
- 2) Instructional Materials and Aids : models, pictures maps, sketches. Graphs diagrams, charts, tables, boards, newspapers. Journals. Periodicals, radio. T.V., Tape recorder, slides, filmstrips, films and various projects epode scope etc.
- 3) Co-curricular activities, Co-operative stores, school bank activity club exhibition, forum visits and excursions, symposium seminar etc.
- 4) Commerce room : need and enrichment.

### B) Teaching of various aspects of Commerce :

Economic, industrial historical, statistical, agricultural-national, international commerce in under developed and developed countries.

**Unit 4 A) Planning and Organization of teaching :**

- 1) Year plan
- 2) Unit plan
- 3) Lesson plan
- 4) Various types of lesson as per requirement of the class.

**Evaluation :**

- 1) Evaluation procedures used in commerce teaching, types of examination and types of questions.
- 2) Units test : construction and administration.
- 3) Diagnostic testing and remedial instruction in teaching of commerce.

**B) Commerce Teacher :**

- 1) Qualification and qualities commerce teacher.
- 2) Professional training and growth of a teacher.
- 3) Commerce teachers organization and its contribution in professional development of the teacher.

**Practicum : (Any one of the following)**

- 1) Preparation of a diagnostic test on any unit in commerce.
- 2) Preparation of an unit plan and unit test on any unit in commerce.
- 3) Project on a chosen them.
- 4) Preparation of a wallpaper any unit in commerce.
- 5) To organize any one-curricular activity in school related to commerce teaching.

## **AGRICULTURE METHODOLOGY**

### **Unit 1 A) Place of Commerce in curriculum :**

- 1) Agriculture concept, meaning, nature and scope.
- 2) Place and importance of Agriculture subject in school curriculum.
- 3) Correlation to Agriculture subject with in other subject & with other school subject.

### **B) Aims and objectives of Teaching Agriculture :**

- 1) Aims and general objectives of teaching Agriculture in secondary school.
- 2) Objectives of the subject as given in the present school curriculum.
- 3) Instructional objectives of teaching Agriculture with their specification.

### **Unit 2 A) Curriculum and textbook in Agriculture :**

- 1) Importance of curriculum and criteria of a good curriculum, Nature of the syllabus, Hierarchy and structure of the subject.
- 2) Critical study of the present courses in Agriculture with reference to principles of curriculum construction at secondary level.
- 3) Characteristic of a good textbooks and Agriculture Teaching.
- 4) Content analysis : concept and process.

### **B) Methods, Devices and techniques of Agriculture teaching :**

- 1) Methods : lecture, demonstration, Inductive deductive. Heuristic. Project experimental, historical.
- 2) Devices and techniques : Question answer, narration, assignment, illustration, explanation, and supervised study.
- 3) Maxims of teaching as applied to the teaching of Agriculture.

### **Unit 3 A) Learning Experience and Instructional Materials :**

- 1) Learning Experiences : Direct and Indirect as well as verbal and non-verbal learning experiences helpful in teaching of agriculture. Use of instructional materials and activities.
- 2) Instructional Materials and Aids : need. Characteristics and uses of different charts graphs. Diagrams boards, slides, filmstrips, films, variety of project etc.
- 3) Co-curricular activities, debate exhibition, forum, club exhibition, forum, club, excursions symposium, seminars etc.

### **B) Teaching of various aspects of Agriculture :**

- 1) Soil Tillage
- 2) Animal Husbandry
- 3) Horticulture and crop cultivation.

**Unit 4 A) Planning and Organization of teaching :**

- 1) Year plan
- 2) Unit plan
- 3) Lesson plan
- 4) Various types of lesson as per-requirement of the class.

**Evaluation :**

- 1) Evaluation procedures used in agriculture teaching, types of examination and types of questions.
- 2) Units test : construction and administration.
- 3) Diagnostic testing and remedial instruction in teaching of Agriculture.

**B) Agriculture Teacher :**

- 1) Qualification and qualities Agriculture teacher.
- 2) Professional growth and training of a teacher.
- 3) Agriculture teacher's organization and its contribution in professional development of the teacher.

**Practicum : (Any one of the following)**

- 1) Preparation of a diagnostic test on any unit in Agriculture.
- 2) Project on a chosen theme.
- 3) Preparation of a wallpaper on any unit in Agriculture.
- 4) To organize any one-curricular activity in school related to Agriculture teaching.

## SCIENCE METHODOLOGY

### Unit 1 A) Nature, scope, importance and Place of Science :

- A)
  - 1) Concept, meaning, nature and scope of science.
  - 2) Place of science in Secondary school curriculum
- B) Correlation of science within the subject and with other subject.
- C) Characteristics a Good text book of Science.

### B) Aims and objectives of Teaching Science :

- 1) Aims of teaching science.
- 2) Objective of teaching science as prescribed in secondary school curriculum of the Maharashtra state.
- 3) Instructional objectives of teaching at secondary level.
- 4) Teaching of science for development of scientific attitude.

### Unit 2 A) Methods, Devices and techniques of Science teachings :

- 1) Methods : lecture, demonstration, Experimental, Heuristic Project.
- 2) Devices and techniques : Question Explanation, illustration, supervised study, narration, assignment, observation and dramatization.
- 3) Maxims of teaching.

### B) Learning Experience, Teaching Material and support system for teaching learning.

- 1) Classification of learning experience : Direct and Indirect, Verbal and non verbal relation between learning experience and learning outcomes.
- 2) Instructional Materials and Aids : Projected aids and non projected aids i.e. charts, diagrams, models boards, graphs, slides, overhead projector, tape recorder, radio, T.V., V.C.R. and computer.
- 3) Co-curricular activities : Science club, Science museum science fair, visit aquarium, exhibitions, observation of the sky school gardening.
- 4) Science laboratory – Need, design, equipments, management, safety and precaution any measures.

### Unit 3 A) Planning for learning and Teaching :

- 1) Preparation of the year plan, unit plan & daily lesson plan.

### B) Teaching of various aspects of Science :

- 1) Physics : Friction, density, specific gravity pressure, equilibrium, center of gravity, electricity.
- 2) Chemistry : Atomic and molecular weight periodic table, oxidation – reduction, isotopes, bonds, chemical reactions.

- 3) Biology : Photosynthesis, plant system, human body system, classification of plants & animals health, hygiene and balanced food, natural cycle pollution.

**Unit 4 A) Evaluation :**

- 1) Examination – Types of examination, types of questions.
- 2) Type of test – Achievement, diagnostic test
- 3) Remedial teaching.

**B) The Teacher :**

- 1) Essential qualification & qualities of science teacher.
- 2) Professional growth of science teacher, science teacher organization and its role in professional development.

**Books Recommended :**

- 1) Kohli V.K. (1982) – How to teach science – Ambaly city, vivek publisher.
- 2) Das R.C. (1985) – Science teaching in school, Delhi sterling publishes.
- 3) Dr. R.C. Sharma & Dr. C.S. Shukla : Modern science teaching Dhanpal Ras publishing company New Delhi.
- 4) - ÖiÖ“ÖÖμÖÖ ›ÜÖÖ. ÆÜ. -ÖÖ. •Ö ÖYÖÖ-Ö- x¼Ö-ÖÖ-Ö †-μÖÖ-Ö-Ö -Ö-μÜYÖß.
- 5) ÚμÜYÖ “ÖÖ. -Ö., \*ÖÖÈμÜÖiÜ ÊÜ. ‹ÄÖ.- ¿ÖÖÄiÖ †-μÖÖ-Ö-Ö -Ö-μÜYÖß, -ÖÆYÖ-Ö -Öi ÚÖ¿Ö-Ö, -ÖÄ ÖÊ 1980
- 6) †-ÖÖ,ÜÄÖÊ, xμÜÖÊ, -ÖÖ™Ü Ö Ú,Ü (1974)- ¿ÖÖÄiÖ †-μÖÖ-Ö-Ö -Ö-μÜYÖß, -ÖÆYÖ-Ö -Öi ÚÖ¿Ö-Ö, -ÖÄ ÖÊ.
- 7) - ÖiÖ. - Öi³ÖÖ Ú,Ü ÆÜ Úß´Ö- x¼Ö-ÖÖ-ÖÖ“ÖÊ †-μÖÖ-Ö-Ö.
- 8) - ÖiÖ. ÊÜ. •Öß. -ÖÖÖ²Ö,ÊÜ- x¼Ö-ÖÖ-Ö x¼ÖÄÖμÖ -ÖÖ-Ö ¼Ö †-μÖÖ-Ö-Ö -Ö-μÜYÖß.

## MATHEMATICS METHODOLOGY

### Unit 1 A) Nature, scope, importance and place of Mathematics :

- A) 1) Concept, meaning, nature and scope of Mathematics
- 2) Place of Mathematics in Secondary school curriculum
- B) Correlation of Mathematics within the subject and with other subject
- C) Characteristics a Good textbook of Mathematics.

### B) Aims and objectives of Teaching Mathematics :

- 1) Aims & objectives of teaching Mathematics at secondary school.
- 2) Objective of teaching Mathematics as given in the secondary school curriculum of the Maharashtra state.
- 3) Instructional objectives of teaching Mathematics of their specification at secondary level.

### Unit 2 A) Methods, Devices and techniques of Mathematics teaching :

- 1) Methods : Inductive & deductive Experimental, Analytical & synthetically, Heuristics, Discovery.
- 2) Devices and techniques : Question Explanation, illustration, supervised study, assignment, home work, oral and written drill, self study, review and revision.
- 3) Maxims of teaching as applied to teaching mathematics.

### B) Learning Experience, Teaching Material and support system for teaching learning.

- 1) Classification of learning experiences : Direct and Indirect, Verbal and non verbal learning experience helpful in teaching of mathematics.
- 2) Instructional Materials and Aids : Projected aids and non projected aids i.e. charts, diagrams, models boards, slides, filmstrips, overhead projector, variety of projectors, tape recorder, radio, T.V. V.C.R. and computer.
- 3) Co-curricular activities : Mathematics club, visit, exhibitions, seminars etc.

### Unit 3 A) Planning for learning and Teaching :

Preparation of the year plan, unit plan & daily lesson plan.

### B) Teaching of various aspects of Mathematics :

- 1) Arithmetic's – Fractions, simple & compound interest, profit & loss, percentage,
- 2) Algebra – Graphs, H.C.F., L.C.M.
- 3) Geometry – Three stages of teaching Geometry, Basic concepts in Geometry, parallel line, angle triangle.
- 4) Trigonometry – trigonometric ratios, problems in height & distance.

**Unit 4 A) Evaluation :**

- 1) Examination – Types of examination, types of question.
- 2) Type of test – Speed & accuracy, Achievement, diagnostic test.
- 3) Remedial teaching.

**B) The Teacher :**

- 1) Essential qualification & qualities of mathematics teacher.
- 2) Professional growth of Mathematics teacher, organization and its role in professional development.

**Books Recommended :**

- 1) *Mathematics Education in India*. A.U. - O.O. • Ö ÖYÖÖ- Ö- Ö× ÖYÖ †-µÖÖ-Ö-Ö -Ö-αÜYÖß.



**Semester -II**  
**Theory Courses**

**CC-201 YOGA EDUCATION**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-I : Introduction**

- ☯ Meaning and Definition of Yoga
- ☯ Aims and Objectives of Yoga
- ☯ Yoga in Early Upanisads
- ☯ The Yoga Sutra; General Consideration
- ☯ Need and Importance of Yoga in Physical Education and Sports
- ☯ Role of Yoga in total health.

**Unit-II : Foundation of Yoga**

- ☯ School of Yoga
- ☯ The Astanga Yoga: Yama, Niyama, Asana, Pranayama, Pratyahara, Dhyana and Samadhi
- ☯ Yoga in the Bhagavadgita – Karma Yoga, Raj Yoga, Jnana Yoga and Bhakti Yoga
- ☯ Yogic Diet

**Unit-III : Asanas**

- ☯ Effect of Asanas and Pranayama on various systems of the body
- ☯ Classification of asanas with special reference to physical education and sports
- ☯ Influences of relaxative, meditative postures on various systems of the body
- ☯ Types of Bandhas and mudras
- ☯ Types of Pranayama
- ☯ Type of kriyas

**Unit-IV: Yoga Education**

- ☯ Basic, applied and action research in Yoga
- ☯ Difference between yogic practices and physical exercises
- ☯ Yoga education centers in India and abroad
- ☯ Competitions in Yogasanas
- ☯ International Yoga Day

**Unit-V: Yoga Education**

- ☯ Suryanamaskar –Method of Suryanamaskar-Benefits

**Reference:**

- Brown, F.Y. (2000) How to use yoga. Delhi: Sports publication.
- Gharote, M.L. & Ganguly, H. (1988). Teaching methods for yogic practices. Lonawala Kaivalyadham.
- Shankar, G. (1998). Holistic approach of yoga. New Delhi, Aditya Publishers.
- Shekar, K.C. (2003). Yoga for health. Delhi. Khel Sahitya Kendra.

**Semester -II**  
**Theory Courses**

**CC-202: EDUCATIONAL TECHNOLOGY AND METHODS OF TEACHING IN  
PHYSICAL EDUCATION**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Introduction**

- ☛ Education and Education Technology – Meaning and Definitions.
- ☛ Types of Education – Formal, Informal and Non – Formal Education
- ☛ Educative Process
- ☛ Importance of Devices and Methods of Teaching
- ☛ Leadership of Physical Education profession, Importance of Physical Education as profession, educational qualification and qualities of Physical Education teacher and opportunity to serve



**Unit-2: Teaching Techniques**

- ☛ Teaching Techniques – Lecture method, Command method, Demonstration method, limitation method, project method etc.,
- ☛ Teaching Procedure – Whole method, whole – part – whole method, part – whole method.
- ☛ Presentation Technique – Personal and technical preparation
- ☛ Command – Meaning Types and its uses in different situations.
- ☛ Student Leadership.
- ☛ Class formation and its different types.
- ☛ Guest speaker
- ☛ Media and Public relation.

**Unit-3: Teaching Aids**

- ☛ Teaching Aids – Meaning, Importance and criteria for selecting teaching aids.
- ☛ Teaching aids – Audio aids, Visual aids, Audio-visual aids, Verbal, Chalk board, Charts, Model, Slide and LCD projector, Motion pictures, computers, Laptops, etc
- ☛ Team, Teaching – Meaning Principles and advantage of team teaching
- ☛ Difference between Teaching Methods and Teaching Aid.

**Unit-4: Lesson Planning and Teaching Innovations**

- ☛ Lesson Planning – Meaning, Type and Principles of lesson plan.

- ☰ General and specific lesson plan.
- ☰ Micro Teaching – Meaning, Types and steps of micro teaching Simulation
- ☰ Teaching – Meaning, Types and steps of simulation teaching.

**Reference:**

- ☐ Bhardwaj, A (2003) New media of educational planning. New Delhi, Sarup and Sons.
- ☐ Bhatia, and Bhatia, (1959) The principles and methods of teaching New Delhi: Doaba House.
- ☐ Kochar, S.K. (1982) Methods and techniques of teaching. New Delhi Sterling Publishers Pvt. Ltd.,
- ☐ Sampath, K. Panniselvam, A & Santhasnam, S (1981) Introduction to educational technology New Delhi Sterling Publishers Pvt Ltd.,
- ☐ Walia, J.S (1999) Principles and methods of education, Jullandhar: Paul Publishers.

**Semester -II**  
**Theory Courses**

**CC-203: ORGANIZATION, ADMINISTRATION AND SPORTS MANAGEMENT**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Introduction**

- ☰ Meaning and importance of Organization and Administration in physical education
- ☰ Brief introduction of Sports Management (Meaning, Definition, purpose and scope)
- ☰ Essential skills of Sports Management.
- ☰ Qualification and Responsibilities of Physical Education teacher and pupil leader
- ☰ Planning and basic principles of Planning.
- ☰ Program planning: Meaning, Importance, Principles of program planning in physical education.

**Unit-2: Office Management, Record, Register & Budget**

- ☰ Office Management: Meaning, definition, functions and kinds of office management.
- ☰ Records and Registers: Maintenance of attendance Register, stock register, cash register, physical efficiency record, Medical examination record.
- ☰ Budget: Meaning, Importance of Budget making.
- ☰ Criteria of a good Budget, Sources of Income, Expenditure, Preparation of Budget.
- ☰ Principles and Steps of Budgeting.

**Unit-3: Facilities, & Time - Table Management**

- ☰ Facilities and equipment management; Types of facilities: Infrastructure-indoor, out door, academic & administrative blocks, research wing, library etc.
- ☰ Care of school building, Gymnasium, Swimming pool, Play fields, Play grounds.
- ☰ Equipment: need, importance, purchase, care and maintenance.
- ☰ Time Table Management: Meaning, Need, Importance and Factors affecting time table.
- ☰ Sports Management system in schools, colleges and Universities.

#### **Unit-4: Competition Organization**

- ☰ Importance of Tournament.
- ☰ Types of Tournament and its organization structure – Knock-out Tournaments, League or Round Robin Tournaments, Combination Tournament and challenge Tournament.
- ☰ Organization structure of Athletic Meet.
- ☰ Sports Event Intramurals & Extramural Tournament planning.
- ☰ Leadership in Physical Education and Sports.

#### **Reference:**

- ☐ Broyles, F.J. & Rober, H.D. (1979) Administration of Sports, Athletic programme: A Managerial Approach New York: Prentice hall Inc.
- ☐ Bucher, C.A. (1983). Administration of Physical Education and Athletic Programme. St. Louis: The C.V. Hosby Co.
- ☐ Earl, Z, & Gary, W.B. (1963) Management competency development in sports and physical education. Philadelphia: W. Lea and Febiger.
- ☐ Kozman, H.C. Cassidy, R & Jackson, C (1960). Methods in Physical Education. London: W.B. Saunders Co.
- ☐ Pandey, L.K. (1977). Methods in Physical Education. Delhi: Metropolitan Book Depo.
- ☐ Voltmer, E.F. & Esslinger, A.A (1979). The organization and administration of Physical Education. New York: Prentice Hall Inc.

**Semester -II**  
**Theory Courses**

**CC-204: CONTEMPORARY ISSUES IN PHYSICAL EDUCATION: FITNESS AND WELLNESS, SPORTS NUTRITION AND WEIGHT MANAGEMENT**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Concept of Physical Education and Fitness**

- ☰ Definition and meaning of fitness and Wellness.
- ☰ Fitness – Types of Fitness and Components of Fitness.
- ☰ Dimensions of Wellness.
- ☰ Importance and Scope of fitness and wellness.
- ☰ Physical Activity and Health Benefits.

**Unit-2: Principles of Exercise Program**

- ☰ Means of Fitness development – aerobic and anaerobic exercises.
- ☰ Exercises and Heart rate Zones for various aerobic exercise intensities.
- ☰ Concept of free weight Vs Machine, Sets and Repetition etc.
- ☰ Concept of designing different fitness training program for different age groups.

**Unit-3: Nutrition and Weight Management**

- ☰ Concept of BMI (Body mass index), Obesity and its hazard, Myth of Sport reduction, Dieting versus exercise for weight control, Common Myths about weight Loss.
- ☰ Health Risks Associated with Obesity, Obesity – Causes and Solutions for Overcoming Obesity.
- ☰ Nutrition – Daily calories intake and expenditure, Determination of desirable body weight.
- ☰ Weight management program for sporty child, Role of diet and exercise in weight management, Design diet

**Unit-4:** Open Gym – concept, need and importance, equipments and its benefits Different sports clubs - need and importance of sports club- Swimming, Gymnasium, Weight Lifting , Yoga, Aerobics, Zumba and benefits for health

**Reference:**

- ☐ Bessesen, D.H. (2008) Update on obesity. J Clin Endocrinol Metab.93(6), 2027-2034.
- ☐ Butryn, M.L. Phelan, S., & Hill, J. O. (2007). Consistent Self-Monitoring of weight: a key component of successful weight loss maintenance. Obesity (Silver Spring). 15(12), 3091-3096.

- Giam, C.K & The, K.C. (1994), Sport medicine exercise and fitness. Singapore; P.G. Medical Book.
- Mcglynn, G., (1993) Dynamics of fitness. Madison; W.C.B. Brown. Sharkey, B.J. (1990) Physiology of fitness, Human Kinetics Book



**PUNYASHLOK AHILYADEVII HOLKAR  
SOLAPUR UNIVERSITY, SOLAPUR**



NAAC Accredited-2015  
'B' Grade (CGPA 2.62)

Name of the Course Syllabus:-

**B.P.Ed. II Year  
( Bachelor of Physical Education )**

With effect from :-

**June- 2020**

**CBCS Pattern  
(80;20)**

**Semester -III**  
**Theory Courses**

**CC-301: SPORTS TRAINING**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Introduction to Sports Training**

- ☰ Meaning and Definition of Sports Training.
- ☰ Aim and Objective of Sports Training.
- ☰ Principles of Sports Training.
- ☰ System of Sports Training – Basic Performance, Good Performance and High Performance Training.

**Unit-2: Training Components**

- ☰ Strength – Means and Methods of Strength Development
- ☰ Speed – Means and Methods of Speed Development
- ☰ Endurance – Means and Methods of Endurance Development.
- ☰ Coordination – Means and Methods of coordination Development.
- ☰ Flexibility – Means and Methods of Flexibility Development.

**Unit-3: Training Process**

- ☰ Training Load – Definition and Types of Training Load.
- ☰ Principles of Intensity and Volume of Stimulus.
- ☰ Tactical Training – Meaning and Methods of Tactical Training.

**Unit-4: Training Programming and Planning**

- ☰ Periodization – Meaning and types of Periodization.
- ☰ Aim and Content of Periods – Preparatory, Competition, Transitional etc.
- ☰ Planning – Training session.
- ☰ Talent Identification and Development.
- ☰ Types of Training- Weight training, Interval training, Circuit training, Fartlek training

**Reference:**

- ☐ Dick, W.F. (1980). Sports training principles. London: Lepus Books.
- ☐ Jensen, R.C. & Fisher, A.G. (1979). Scientific basis of athletic conditioning. Philadelphia : Lea and Fibiger, 2<sup>nd</sup> Edn.
- ☐ Matvyew, L.P. (1981) Fundamental of sports training. Moscow: Progress Publishers.
- ☐ Singh, H. (1984) Sports training, general theory and methods, Patials: NSNIS.
- ☐ Uppal, A.K., (1999) Sports Training. New Delhi: Friends Publication.

**Semester –III**  
**Theory Courses**

**CC-302: COMPUTER APPLICATIONS IN PHYSICAL EDUCATION**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Introduction to Computer**

☰ Meaning , need and importance of information and communication technology (ICT).  
Application of Computers in Physical Education.

☰ Components of computer, input and output device.

☰ Application software used in Physical Education and Sports.

**Unit-2: MS Word**

☰ Introduction to MS Word.

☰ Creating, saving and opening a document

☰ Formatting, Editing features Drawing table.

☰ Page setup, paragraph alignment, spelling and grammar check printing option, inserting page number, graph, footnote and notes.

**Unit-3: MS Excel**

☰ Introduction to MS Excel.

☰ Creating, saving and opening the spreadsheet

☰ Creating formulas

☰ Format and editing features adjusting columns width and row height understanding charts.

**Unit-4: MS Power Point**

☰ Introduction to MS Power Point.

☰ Creating saving and opening a ppt. file

☰ Format and editing features slide show, design, inserting slide number.

☰ Picture graph table.

☰ Preparation of Power point presentations.

**Reference:**

- ☐ Irtegov, D (2004). Operating system fundamentals. Firewall Media.
- ☐ Marilyn, M.& Roberta, B(n.d) Computers in your future. 2<sup>nd</sup> edition, India, Prentice Hall.
- ☐ Milke, M(2007). Absolute beginner's guide to computer basics, Pearson Education Asia.
- ☐ Sinha, P.K. & Sinha, P. (n.d.) Computer fundamentals. 4<sup>th</sup> edition, BPB Pblcation.

**Semester -III**  
**Theory Courses**

**CC-303: SPORTS PSYCHOLOGY AND SOCIOLOGY**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Introduction**

- ☀ Meaning, Importance and scope of Educational and Sports Psychology.
- ☀ General Characteristics of Various Stages of growth and development.
- ☀ Types and nature of individual differences; Factors responsible Heredity and environment.
- ☀ Psycho-sociological aspects of Human behavior in relation to physical education and sports.

**Unit-2: Sports Psychology**

Kinds of Learning

- Conditional learning
- Trial and error
- Imitation
- Insight

- Law of readiness
- Law of Exercise
- Law of Effect

Learning curve and transfer of training in physical education.

Personality – Meaning, Factors of personality, personality and physical education – sports performance

Motivation – Meaning, Nature and Types of motivation, Factors influencing motivation, Motivation and sports performance

Aggression and Sports, Meaning and nature of anxiety, Kinds of anxiety.

Meaning and nature of stress; Types of stress, Anxiety, Stress, Arousal and their

effects on sports performance.

**Unit-3: Relation between Social Science and Physical Education**

Definition of socialization.

Socialization through Physical Education and Sports

Festivals and Physical Education.

Group dynamic

National integration through Physical Education and Sports

**Unit-4: Sports Culture: Meaning and Importance:**

☀ Features of sports culture,

☀ Importance of sports culture.

☀ Effects of sports culture on people life style.

Social recognition

Customs, Folkway, Traditions, their influence on behavior pattern. 5.6 Social Values and Development of different traits ideas.

## Reference:

- Ball D. W. & Loy, J.W. (1975). Sports and social order: Contribution to the sociology of sports. London: Addison Wesley Publishing Co., Inc.
- Blair, J. & Simpson, R. (1962). Educational psychology, New York: McMillan Co.,
- Cratty, B.J. (1968) Psychology and physical activity. Eaglewood Cliffs. Prentice Hall.
- Kamlesh, M.L. (1998) Psychology in physical education and sport. New Delhi; Metropolitan Book Co.,
- Loy, J.W., Kenyon, G.S. & McPherson, B.D. (1978). Sport and social system. London: Addison Wesley Publishing Company Inc.
- Loy, J.W., Kenyon, G.S. & McPherson, B.D. (1981). Sports culture and society. Philadelphia: Lea & Febiger.
- Mathus, S.S., (1962). Education Psychology. Agra. Vinod Pustak Mandir.
- Skinner, C.E. (1984). Education Psychology. New Delhi: Prentice Hall of India.
- William, F.O & Meyer, F.N. (1979) A handbook of sociology. New Delhi Eurasia Publishing House Pvt Ltd.,

**Semester -III**  
**Theory Courses**

**CC-304: CURRICULUM DESIGN**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Modern concept of the curriculum**

- ☰ Definition , meaning and concept of curriculum.
- ☰ Need and importance of curriculum, and curriculum development, the role of the teacher in curriculum development.
- ☰ Factors affecting curriculum – Social factors – Personnel qualifications – Climatic consideration – Equipment and facilities – Time suitability of hours.

**Unit-2: Basic Principles for curriculum development in physical education ; contest (selection and expansion)**

- ☰ Basic Principles of curriculum development.
- ☰ Steps in curriculum construction.- Formulating aim and objectives.-Selecting curriculum and integration of content.-the organization of integration of content.-Preparing instructional materials – evolution of curriculum.

**Unit-3: Curriculum – Old and new concepts , Mechanics of curriculum planning.**

- ☰ Old and new concepts of curriculum.
- ☰ Curriculum Design, Meaning, Importance and factors affecting curriculum design.
- ☰ National and Professional policies, Research finding.
- ☰ Role of Teachers.

**Unit-4: Under – graduate preparation of professional preparation.**

- ☰ Areas of Health education, Physical education and Recreation.
- ☰ Curriculum design-Experience of Education, Field and Laboratory.
- ☰ Teaching practice.
- ☰ Professional Competencies to be developed – Facilities

## Reference:

- Barrow, H.M. (1983) Man and movement: principles of Physical education, Philadelphia Lea and Febiger.
- Bucher, C.A. (1986) Foundation of Physical Education: St. Louis: The C.V. Mosby & Company.
- Cassidy, R. (1986) Curriculum development in physical education, New York: Harper & Company.
- Cowell, C.C. & Hazelton, H.W. (1965). Curriculum designs in physical education. Englewood Cliffs: N.J. prentice Hall Inc.
- Larson. L.A (n.d.) Curriculum foundation in physical education. Englewood Cliffs: N.J. prentice Hall Inc.
- Underwood, G.L. (1983). The physical Education curriculum in secondary school: planning and implementation, England Taylor and Francis Ltd.,
- Willgoose, C.E. (1979) Curriculum in physical education, 3<sup>rd</sup> Ed., Englewood Cliffs: N.J. prentice Hall Inc.

**Semester -IV**  
**Theory Courses**

**CC-401: MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Introduction to Test & Measurement & Evaluation**

- ☰ Meaning of Test and Measurement & Evaluation in Physical Education.
- ☰ Need & Importance of Test & Measurement & Evaluation in Physical Education.
- ☰ Principles of Evaluation.

**Unit-2: Criteria; Classification and Administration of test**

- ☰ Criteria of good test.
- ☰ Criteria of tests, scientific authenticity (reliability, objectivity, validity)
- ☰ Type and classification of Test.
- ☰ Administration of test, advance preparation – Duties during testing – Duties after testing.

**Unit-3: Physical Fitness Tests**

- ☰ AAHPER youth Fitness Test.
- ☰ National Physical Fitness Test
- ☰ Indiana Motor Fitness Test
- ☰ JCR Test
- ☰ U.S Army Physical Fitness Test

**Unit-4: Sports Skill Tests**

- ☰ Lockhart and McPherson Badminton test
- ☰ Johnson basketball test
- ☰ McDonald soccer test
- ☰ S.A.I Volleyball test
- ☰ SAI Hockey test



## Reference:

- Bangsbo, J. (1994). Fitness training in football: A scientific approach. Bagsvaerd, Denmar; Ho+Storm.
- Barron, H.M. & Mchee, R. (1977) A Practical approach to measurement in physical education. Philadelphia: Lea and Febiger.
- Kansal, D.K. (1966). Test and measurement in sports and physical education. New Delhi. D.V.S. Publications.
- Mathews, D.K. (1973) Measurement in physical education, Philadelphia: W.B. Sounder Company.
- Pheasant, S. (1966). Body space: anthropometry, ergonomics and design of work. Taylor & Francis, New York.
- Phillips, D.A. & Hornak, J.E. (1979) Measurement and evaluation in physical education. New York: New York: John Willey and sons.
- Sodhi, H.S. & Sidhu L.S. (1984) Physique and selection of sports a anthropometric study. Patiala: Punjab Publishing House.

**Semester -IV**  
**Theory Courses**

**CC-402: KINESIOLOGY AND BIOMECHANICS**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Introduction to Kinesiology and Sports Biomechanics**

- ☰ Meaning and Definition of Kinesiology and Sports Biomechanics
- ☰ Importance of Kinesiology and Sports Biomechanics to Physical Education Teacher, Athletes and Sports Coaches.
- ☰ Terminology of Fundamental Movements.
- ☰ Fundamental concepts of following terms – Axes and Planes, centre of Gravity, Equilibrium, Line of Gravity.

**Unit-2: Fundamental Concept of Anatomy and Physiology**

- ☰ Classification of Joints and Muscles.
- ☰ Types of Muscle Contractions.
- ☰ Posture – Meaning, Types and Importance of good posture.
- ☰ Fundamental concepts of following terms – Angle of Pull, All or None Law, Reciprocal Innovation.

**Unit-3: Mechanical Concepts**

- ☰ Force – Meaning, definition, types and its applications to sports activities.
- ☰ Lever – Meaning, definition, types and its application to human body.
- ☰ Newton's Laws of Motion – Meaning, definition and its application to sports activities.
- ☰ Projectile – Factors influencing projectile trajectory.

**Unit-4: Kinematics and Kinetics of Human Movement**

- ☰ Linear Kinematics – Distance and Displacement, speed and velocity, Acceleration.
- ☰ Angular kinematics – Angular Distance and Displacement, Angular Speed and velocity, Angular Acceleration.
- ☰ Linear Kinetics – Inertia, Mass, Momentum, Friction.
- ☰ Angular Kinetics – Moment of inertia, Couple, Stability.

**Reference:**

- Bunn, J.W. (1972) Scientific principles of coaching. Englewood Cliffs, N.J. Prentice Hall Inc.
- Hay, J.G. & Reid, J.G. (1982) The anatomical and mechanical basis of human motion. Englewood Cliffs, N.J. prentice Hall Inc.
- Hay, J.G. & Reid, J.G. (1988). Anatomy mechanics and human motion. Englewood Cliffs, N.J. prentice Hall Inc.
- Hay, J.G. (1970). The biomechanics of sports techniques. Englewood Cliffs, N.J. prentice Hall Inc.
- Simonian, C. (1911) Fundamentals of sport biomechanics. Englewood Cliffs, N.J. prentice Hall Inc.
- Deshpande, S.H. (1955) Manav Kriya Vigyan (Hindi), H.V.P. Mandal, Amravati.

**Semester -IV**  
**Theory Courses**

**CC-403: RESEARCH AND STATISTICS IN PHYSICAL EDUCATION**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Introduction to Research**

- ☀ Definition of Research
- ☀ Need and importance of Research in Physical Education and Sports.
- ☀ Scope of Research in Physical Education & Sports.

Classification of Research.

**Unit-2: Research Method and Tools**

- ☀ Historical, Experimental, Survey, Case study
- Tools of data collection in research, Questionnaire, Interview, Observation etc.
- Concept of population and sample and its types.

**Unit-3: Basic of Statistical Analysis**

- ☀ Statistics: Meaning Definition, Nature and Importance.
- ☀ Class Intervals: Raw Score, Continuous and Discrete Series, Class Distribution, construction of Tables.
- ☀ Graphical Presentation of Class Distribution: Histogram, Frequency Polygon, Frequency Curve. Cumulative Frequency Polygon, Ogive, Pie Diagram.

**Unit-4: Statistical Model in Physical Education and Sports**

- ☀ Measure of Central Tendency: Mean, Median and Mode-Meaning Definition, Importance, Advantages, Disadvantages and Calculation from Group and Ungrouped data.
- ☀ Measures of Variability: Meaning, importance, computing from group and ungroup data.
- ☀ Percentiles and Quartiles: Meaning importance, computing from group and ungroup data.

## Reference:

- Best, J.W. (1963). Research in education. U.S.A: Prentice Hall.
- Bompa, T.O. & Haff, G.G. (2009) Periodization: theory and methodology of training 5<sup>th</sup> ed. Champaign, IL: Human Kinetics.
- Brown, L.E. & Ferrigno, V.A. (2005). Training for speed agility and quickness, 2<sup>nd</sup> ed. Champaign, IL: Human Kinetics.
- Brown, L.E. & Miller, J., (2005) How the training work. In Training speed, Agility, and Quickness. Brown, L.E. & Ferrigno, V.A & Ferrigno, VA., eds. Human Kinetics.
- Carl, E.K., & Daniel, D.A (1969). Modern principles of athletes training. St. Louis. St. Louis's Mosby Company.
- Clark, H.H & Clark, D.H (1975) Research process in Physical Education. Englewood cliffs, New Jersey: Prentice Hall, Inc.
- Garrett, H.E (1981) Statistics in psychology and education. New Yord: Vakilsfeffer and Simon Ltd.,
- Oyster, C.K., Hanten, W.P., & Llorens, L.A (1987) Introduction to research: A guide for the health science professional Landon J.B Lippincott Company.
- Thomas, J.R. & Nelson J.K (2005) Research method in physical activity. USA Champaign, IL Human Kinetics Books
- Thomas, J.R. & Nelson J.K & Silverman, S.J (2011) Research method in physical activity. USA Champaign, IL Human Kinetics Books
- Uppal, A.K (1990) Physical Fitness: how to develop. New Delhi: Friends Publication.
- Verma, J.P (2000). A text book on sports statistics Gwalior. Venus Publications.

**Semester –IV**  
**Theory Courses**

**CC-404: THEORY OF SPORTS AND GAMES, OFFICIATING AND COACHING**

**Credits : Theory:- 4**

**Total Theory Lectures:- 60**

**Unit-1: Introduction of Officiating and coaching**

- ☛ Concept, Importance and principles of officiating and coaching.
- ☛ Philosophy of officiating and coaching.
- ☛ Duties of coach in general, pre, during and post game.
- ☛ Responsibilities of a coach on and off the field.
- ☛ Officiating systems of Sports and Games- positioning , filling of score sheet and hand signals

**Unit-2: Qualities and Qualifications of Coach and Official**

- ☛ Qualities and qualification of coach and official.
- ☛ General rules of games and sports.
- ☛ Eligibility rules of intercollegiate and inter-university tournaments, preparation of bills related to sports and tournament.
- ☛ Integrity and values of sports.
- ☛ Need and importance of Coaching camp

**Unit-3: Theory of Sports and Games**

- ☛ General Introduction of specialized games and sports-

(Athletics, Gymnastic, Kabaddi, Kho-Kho, Basketball, Volleyball, Football, Softball, Baseball, Hockey, Wrestling, Cricket, Badminton, Tennis, and Yoga)

Each game or sports to be dealt under the following heads.

- ☛ History and development of the Game of Sports
- ☛ Ground preparation, dimensions and marking.
- ☛ Standard equipment and their specifications
- ☛ Ethics of sports and sportsmanship.

**Unit-4: Advance Training (for particular specialized Games or Sports)**

- ☛ Concept of Conditioning and warming up.
- ☛ Role of weight training in games and sports.
- ☛ Teaching of fundamental skill & their mastery (technique, tactic and different phases of skill acquisition).
- ☛ Recreational and Lead up games.
- ☛ Strategy – Offence and defense, Principles of offence and defense.
- ☛ Selection of team
- ☛ Handling of players

**Reference:**

- Bunn, J.W. (1968) The art of officiating sports. Englewood cliffs N.J. Prentice Hall.
- Bunn, J.W. (1972). Scientific principles of coaching. Englewood cliffs N.J. Prentice Hall.
- Dyson, G.H. (1963). The mechanics of athletics. London: University of London Press Ltd.,
- Lawther, J.D. (1965). Psychology of coaching. New York: Pre. Hall.
- Singer, R.N. (1972). Coaching, athletic & psychology. New York M.C. Graw Hill.

**Part -B**  
**Practical Courses**  
**Semester – I**

**PC – 101**

**Track and Field:**

**Running Event:**

Starting techniques: Standing start, Crouch start and its variations, Proper use of blocks.

Finishing Techniques: Run, Through, Forward lunging, Shoulder Shrug. Ground Marking, Rules and Officiating.

- ◆ Fundamental Skills – Starting, Clearance and Landing Techniques.
- ◆ Ground marking and Officiating.

**PC – 102**

**Gymnastics:** Floor Exercise

Forward Roll, Backward Roll, Sideward Roll, different kinds of scales, Leg Split, Bridge, Dancing steps, Head stand, Jumps – leap scissors leap.

Vaulting Horse.

Approach Run, Take off from the beat board, Cat Vault, Squat Vault.

**PC – 102/401**

**Swimming: Fundamental Skills**

Entry into the pool.

Developing water balance and confidence. Water fear removing drills.

Floating – Mushroom and Jelly fish etc.

Gliding with and without kickboard.

Introduction of various strokes.

Body Position, Leg, Kick, Arm pull, Breathing and Co ordination.

Start and turns of concerned strokes.

Rules of Competitive swimming-officials and their duties, pool specifications, seeding heats and finals, Rules of the races.

**PC – 102**

**Aerobics: Introduction of Aerobics**

Rhythmic Aerobics – dance

Low impact aerobics

High impact aerobics

Aerobics kick boxing

Postures – Warm up and cool down

THR Zone – Being successful in exercise and adaptation to aerobic workout.



### **PC – 103**

#### **Kabaddi: Fundamental Skills**

Skills in Raiding – Touching with hand, various kicks, crossing of baulk line, Crossing of Bonus line, luring the opponent to catch, Pursuing.

Skills of Holding the Raider – Various formations, Catching from particular position, Different catches, Luring the raider to take particular position so as to facilitate catching, catching formations and techniques.

Additional skills in raiding-Bringing the antis in to particular position, Escaping from various holds, Techniques of escaping from chain formation, Combined formations in offence and defense.

### **PC – 103**

#### **Kho-Kho:**

General skills of the game- Running, chasing, Dodging, Faking etc.,

Skills in chasing – Correct Kho, Moving on the lanes, Pursuing the runner, Tapping the inactive runner, Tapping the runner on heels, Tapping on the pole, Diving, Judgment in giving Kho, Rectification of Foul.

Skills in Running-Zig zag running, Single and double chain, Ring play, Rolling in the sides, Dodging which facing and on the back, fakes on the pole, fake legs, body arm etc., Combination of different skills.

Ground Marking.

Rules and their interpretations and duties officials.

### **PC – 103 Malkhamb**

**Malkhamb:** Salaami, Hold, Saadiudi, Bagaludi, Dashrang udi, Bagli udi, Suidora, Phirki, Padmasana, T Balance, Pataka, Landing.

Rope Malkhamb-Salaami, Padmasana Chadh, Katibandh 1-2, Sadiadhi, Rikebpakkad, Rikebpagniadhi, Nakkikasadhi, Kamaradhi, Nakkikasadhi, Urubandhtedhi, Sadibagli, Do hatibagli, Kamarbandhbagli, nakkikasbagli, Dashrang, Hanuman pakad, Gurupakkad, various padmasana, Landing.

### **PC – 104 Light Apparatus:**

Lathi – Two counts exercises, Four Count exercises, eight count exercises, sixteen count exercises.

Ghati Lezuim – AathAawaaz, Bethakawaaz, AagePaon, Aagekadam, Do Pherawaaz, Chau pherawaaz, Kadamtaal, Pavitra, Uchhakupavitra, Kadampavitra.

Hindustani Lezuim – Char Awaaz, EkJagah, AantiLagaav, Pavitra, Do Rukh, Chau Rukh, Chau rukhbethak, Momiya.

Mass P.T. Exercises – Two count, four count and eight count exercises.

Drill and Marching.

## **PC - 104**

### **Dumbbells / Wands/Hoop/Indian clubs/Flag : Fundamentals Skills**

Apparatus/Light apparatus Grip.

Attention with apparatus/Light apparatus.

Stand – at – ease with apparatus/light apparatus.

Exercise with verbal command, drum, whistle and music-Two count, Four count, Eight count and Sixteen count.

Standing Exercise.

Jumping Exercise.

Moving Exercise.

Combination of above all

## **Semester - II**

### **PC - 201**

#### **Track and Field:**

#### **Athletics:                    Jumping Events**

High Jump (Straddle  
Roll). Approach Run.

Take off.

Clearance over the bar.  
Landing

Long Jump, Triple Jump, Pole Vault.

### **PC - 202**

#### **Gymnastics:**

Parallel Bar:

Mount from one bar.

Straddle walking on parallel  
bars. Single and double step walk

Perfect swing.

Shoulder stand on one bar and roll forward.  
Roll side

Shoulder stand

Front on back vault to the side (dismount)  
Horizontal / Single Bar:

Grip  
Swings

Fundamental Elements

Dismount

Uneven Parallal Bar:  
Grip

Swings

Fundamental Elements  
Dismount

**PC - 202**

**Yoga :**

Sury Namaskara,  
Pranayam  
Corrective  
Asanas Kriyas

Asanas

- Sitting
- Standing
- Lying Prone Position.
- Lying Spine Position.

**PC - 203**

**Badminton:** Fundamental Skills

Racket parts, Racket rips, Shuttle Grips.  
The basic stances.

The basic stokes – Serves, Forehand-overhead and underarm, Backhand-overhead and underarm

Drill and lead up games.

Types of games-Singles, doubles, including mixed doubles.  
Rules and their interpretations and duties of officials.

**PC - 203**

**Table Tennis:** Fundamental Skills

The Grip – The Tennis Grip, Pen Holder Grip.

Service – Forehand, Backhand, Side Spin, High Toss.

Strokes-Push, Chop, Drive, Half Volley, Smash, Drop-shot, Balloon, Flick Shit,  
Loop Drive.

Stance and Ready position and foot work.

Rules and their interpretations and duties of officials.

## **PC – 203 / 402**

### **Lawn Tennis: Fundamental Skills**

Grip – Eastern Forehand grip and Backhand grip, Western grip, Continental grip, Chopper grip.

Stance and Footwork.

Basic Ground Stokes-Forehand Drive, Backhand drive. Basic Service.

Basic Volley

Over-head Volley. Chop

Tactics-Defensive, attacking in game

Rules and their interpretations and duties of officials.

## **Semester – III**

### **PC – 301**

#### **Elective Skill Oriented Course:**

#### **Gym Instructor:**

Course Content:

#### **Module 01: Introduction and training principles**

- ☐ Introduction of gym.
- ☐ Understanding the concept of physical fitness.
- ☐ Understanding the concept, importance and benefits of exercise.
- ☐ Basic principles of exercises.

#### **Module 02: Anatomy and physiology**

- ☐ Muscular system.
- ☐ Skeletal system
- ☐ Types of muscle contraction.
- ☐ Effect of exercises on human body.

#### **Module 03: Exercises and scheduling.**

- ☐ Warming up exercises.
- ☐ Weight training exercises of all muscle groups.
- ☐ Types of set
- ☐ Types of reps
- ☐ Scheduling program

#### **Module 04:**

- ☐ Deciding training intensity.
- ☐ Qualities, duties and responsibilities of gym instructor.
- ☐ Visits to various clubs, gyms and fitness centers etc.
- ☐ Report writing.

## **Aerobics and Zumba Trainer:**

Course content:

### **Module 01: Introduction of Aerobics and Zumba.**

- ☐ Introduction of aerobics.
- ☐ Introduction of Zumba.
- ☐ Difference between aerobics and Zumba.
- ☐ Importance of aerobics and Zumba.

### **Module 02: Basics of Aerobics and Zumba.**

- ☐ Basic exercises in aerobics.
- ☐ Basic exercises in zumba.
- ☐ Benefits of aerobics and zumba.
- ☐ Safety measures in aerobics and zumba.

### **Module 03: Essentials of Aerobics and Zumba.**

- ☐ Equipment for aerobics and zumba.
- ☐ Basic steps of aerobics and zumba.
- ☐ Advance steps in aerobics and zumba.
- ☐ Designing training program for aerobics and zumba.

### **Module 04:**

- ☐ Qualities of aerobics and zumba trainer.
- ☐ Duties and responsibilities of trainer.
- ☐ Visits to various clubs and fitness centers.
- ☐ Report writing.

## **PC - 302**

### **Boxing: Fundamentals Skills**

Player stance.

Stance – Right hand stance, left hand stance.

Footwork – Attack, defense.

Punches – Jab, Cross, hook, upper cut, combinations.

Defense slip – bob and weave, parry block, cover up, clinch, counter attack.

Tactics – Toe to toe, counter attack, fighting in close, feinting.

Rules and their interpretations and duties of officials.

## **PC – 302**

### **Martial Arts /karate: Fundamentals Skills**

Player stance – walking, hand positions, front – leaning, side-fighting.

Hand Techniques – Punches (form of a punch, straight punch, and reverse punch), Blocks (eight basic).

Leg Techniques – Snap kicks, stretching straight leg, thrust kicks, sidekicks, round house.

Forms – The first cause Katas.

Self Defense – against punches, grabs and strikes, against basic weapons (knife, club sticks).

Sparing – One step for middle punch, high punch and groin punch. (Defended by appropriate block from eight basic blocks).

Rules and their interpretations and duties of officials.

## **PC – 302**

### **Taekwondo: Fundamentals Skills**

Player stance – walking, walking, extending walking, L stance, cat stance.

Fundamental Skills – Sitting stance punch, single punch, double punch, triple punch.

Punching Skill from sparing position – front – first punch, rear first punch, double punch, and four combination punch.

Foot Techniques (Balgisul) – standing kick (soseochagi), Reverse turning kick (AP chagi), Arc kick (BandalChagi), Side kick, (YeopChagi), Turning kick (DollyoChagi), Back kick (Twit Chagi), Reverse, turning kick (BandaeDollyoChagi), Jump kick (TwimyoChagi).

Poomase (Forms) – Jang, Yi Jang, Sam Jang, Sa Jang, O Jan, Yook Jang, Chil Jang, Pal Jang (Fundamental Movement – eye control, concentration of spirit, speed control, strength control, flexibility balance, variety in techniques).

Sparing (Kyorugi) – one Step Sparing (hand techniques, foot techniques, self defense techniques, combination kicks), Free Sparing.

Board Breaking (Kyokpa) – eye control, balance, power control, speed, point of attack.

Rules and their interpretations and duties of officials.

## **PC – 302**

### **Judo: Fundamentals Skills**

Rei (Salutation) – Ritsurei (Salutation in standing position), Zarai (Salutation in the sitting position).

Kumi kata (Methods of holding judo costume) Shisei (Posture in Judo)

Kuzushi (Act of disturbing the opponent posture)

Tsuduri and kake (Preparatory action for attack)

Ukemi (Break Fall) – UrhiroUkemi (Rear break Fall), Yoko Ukemi (Side Break Fall), Mae Ukemi (Front Break Fall).

Shin Tai (Advance or retreat foot movement) – Suri-ashi (Gliding foot), Twugi-ashi(Following footsteps), Ayumi-ashi waling steps.

Tai Sabaki (Management of the body).

Nage Waze (Throwing techniques)- HizaGuruma (Knee wheel), Sesae Twurikomi-ashi (Drawing ankle throw), De ashihari (Advance foot sweep), O Goshi (Major Joinm), SeoNage (Shoulder throw).

Katamawaze (Grappling techniques) – Kesagatame (Scaff hold), Kata gatame (Shoulder hold), Kamil shihogatama (Locking of upper four quarters), Method of escaping from each hold.

## **PC – 302**

### **Wrestling: Fundamentals Skills**

Take downs, Leg tackles, Arm drag.

Counters for take downs, Cross face, Whizzer series.

Escapes from under – sit-out turn in tripped.

Counters for escapes from under-Basic control back drop, Counters for stand up.

Pinning combination-Nelson series (Half Nelson and Bar arm), Leg lift series, leg cradle series, Reverse double bar arm, chicken wing and half Nelson.

Escapes from pinning: Wing lock series, Double arm lock roll, Cridge.

Standing Wrestling-Head under arm series, whizzer series

Reference positions.

## **PC – 302**

### **Fencing: Fundamentals Skills**

Basic Stance-on-guard position (feet and legs)

Footwork-advance, retire, lunge, Step-lunge.

Grip – hold a foil correctly, Etiquette – salute and handshake to coaches and partners.

Hit a target (glove, mask, person) at riposte distance.

Lunge from an on-guard position.

Attack – simple attacks from sixty – direct, disengage, double attack, compound attacks high line – one two and cut over disengage, Cut – over attack, Low line attacks.

Semi circular parries – octave and septime.

Understand the layout of a piste.

Compound or successive parries.

Lateral parry and direct riposte.

Fence a bout – judges etc. salutes and handshakes.

Rules and their interpretations and duties of officials.



### **PC – 303**

#### **Football: Fundamentals Skills**

Kicks-Inside kick, Instep kick, Outer instep kick, lofted kick.

Trapping-trapping rolling the ball, trapping bouncing ball with sole

Dribbling-With instep, inside and outer instep of the foot.

Heading-From standing, running and jumping.

Throw in

Feinting-With the lower limb and upper part of the body.

Tackling-Simple tackling, Slide tackling.

Goal Keeping-Collection of balls, Ball clearance-kicking, throwing and deflecting.

### **PC – 303**

#### **Softball: Fundamentals Skills**

Catching: one handed, two handed, with feet grounded, in flight.

Throwing (different passes and their uses): one handed passes(shoulder, high shoulder, underarm, bounce, lob); two handed passes (push, overhead, bounce).

Footwork; landing on one foot; landing on two feet; pivot; running pass.

Shooting; one hand; two hands; forward step shot; backward step shot.

Techniques of getting free; dodge and sprint; sudden sprint; sprint and stop; sprinting with change of speed.

Defending: marking the player; marking the ball; blocking; inside the circle; outside the circle (that is, defending the circle edge against the pass in).

Intercepting: pass;

shot. The toss-up

Role of individual players.

Rules and their interpretations and duties of officials.

### **PC – 303**

#### **Volleyball: Fundamentals Skills**

Players Stance-Receiving the ball and passing to the team mates,

The Volley (Over head pass),

The Dig (Under hand pass).

Service-Under Arm Service, Side Arm Service, Tennis Service, Round Arm Service. Rules and their interpretations and duties of officials.

## PC – 303

### **Handball: Fundamentals Skills**

Catching, Throwing, Ball Control, Goal Throws-Jump Shot, Dive Shot, Reverse Shot, Dribbling-High and Low, Attack and Counter Attack, Simple Counter Attack, Counter Attack from two wings and centre, Blocking, Goal Keeping, Defense. Rules and their interpretations and duties of officials.

## PC – 303

### **Basketball: Fundamentals Skills**

Player stance and ball handling.

Passing-Two Hand chest pass, Two hand Bounce Pass, One Hand Base ball pass, Side Arm Pass, Over Head pass, Hook Pass.

Receiving-Two Hand receiving, One hand receiving, Receiving in stationary position, Receiving while jumping, Receiving while running.

Dribbling-How to start dribble, How to drop dribble, High Dribble, Low dribble, Reverse, dribble, Rolling dribble.

Shooting-Layup shot and its variations, one hand set shot, One hand jump shot, Hook shot, Free throw.

Individual Defensive-Guarding the man with the ball and without the ball.  
Pivoting.

Rules and their interpretations and duties of the officials.

## **SEMESTER IV**

### **PC-401 Hurdles**

Ground Marking.

Interpretation of Rules and Officiating.

### **PC-401 Relays: Fundamental Skills**

Various patterns of Baton Exchange.  
Understanding of Relay Zones.

Ground Marking.

Interpretation of Rules and Officiating.

### **Track and Field (Throwing Events):**

Discus Throw, Javelin, Hammer Throw, Shot-Put. Basic Skills and techniques of the Throwing events. Ground Marking / Sector Marking

Interpretation of Rules and Officiating.  
Grip.

Stance.  
Release.

Reserve (Follow through action).

Rules and their interpretations and duties of officials.

**PC - 402**

**Hockey:      Fundamentals Skills**

Player stance & Grip.

Rolling the ball.

Dribbling

Push

Stopping

Hit

Flick

Scoop

Passing-Forward pass, square pass, triangular pass, diagonal pass, return pass.

Reverse hit.  
Dodging  
Goal keeping-Hand defense, foot defense.  
Positional play in attack and defense.  
Rules and their interpretations and duties of officials. Ground Marking.

## **PC - 402**

### **Base Ball: Fundamentals Skills**

Player Stance – walking extending walking, L stance, cat stance. Grip – standard grip, choke grip,

Batting – swing and bunt.  
Pitching

Baseball: slider, fast pitch, curve ball, drop ball, rise ball, change up, knuckle ball, screw ball,

Softball: windmill, sling shot,

Starting position: wind up, set.  
Fielding:

- Catching basics to catch fly hits, rolling hits,
- Throwing: over arm, side arm.

Base running

- Base running: single, double, triple, home run,
- Sliding: bent leg slide, hook slide, head first slide.

Rules and their interpretations and duties of officials.

## **PC - 402**

### **Netball: Fundamentals Skills**

Catching: one handed, two handed with feet grounded, in flight.

Throwing (different passes and their uses): one handed passes (shoulder, high shoulder, underarm, bounce, lob); two handed passes (push, overhead, bounce).

Footwork: landing on one foot; landing on two feet; pivot; running pass.

Shooting: one hand; two hands; forward step shot; backward step shot.

Techniques of getting free: dodge and sprint; sudden sprint; sprint and stop; sprinting with change of speed.

Defending: marking the player; marking the ball; blocking; inside the circle; outside the circle (that is, defending the circle edge against the pass in).

Intercepting: pass;  
shot. The toss-up

Role of individual players

Rules and their interpretations and duties of officials.

## PC – 402

### **Cricket: Fundamentals Skills**

Batting-Forward and backward defensive stroke.

Bowling-Simple bowling techniques.

Fielding-Defensive and offensive fielding.

Catching-High catching and Slip catching

Stopping and throwing techniques.

Wicket keeping techniques.

### **TC – 201 Teaching Practices:**

10 teaching Practice lessons out of which 5 lessons in class-room situation and 5 lessons for out-door activities within premises on the students of B.P.Ed., course

### **TC – 301 Teaching Practices:**

10 teaching lesson plans for Racket Sport/Team Games/Indigenous Sports out of which 5 lessons internal and 5 lessons external at school.

### **TC – 401 Sports Specialization: Track and field / Gymnastics / Swimming**

(4 internal lesson at practicing school and 1 final external lesson on the students of practicing school as a sports specialization of any discipline mentioned above).

### **TC – 402 Games Specialization:**

Kabaddi, Kho-Kho, Base ball, Football, Hockey, Softball, Volleyball, Handball, Basketball, Netball, , Cricket, Badminton, Table Tennis, Lawn Tennis.

(4 internal lesson at practicing school and I final external lesson on the students of practicing school as a games specialization of any discipline mentioned above).

**Note: Where ever details of any activities are not mentioned, it is expected to elaborate skills by the competent bodies of local Universities / autonomous colleges.**

**Structure of Question Paper**  
**B.P.Ed.**  
**Effect from June 2019**

**Total Marks 80**

<b>Question No. 1</b>		<b>Choose the correct alternative</b>	<b>10</b>
	<b>1</b>		
	<b>2</b>		
	<b>3</b>		
	<b>4</b>		
	<b>5</b>		
	<b>6</b>		
	<b>7</b>		
	<b>8</b>		
	<b>9</b>		
	<b>10</b>		
<b>Question No.2</b>		<b>Answer the following question</b>	
	<b>A</b>		<b>10</b>
	<b>B</b>		<b>10</b>
<b>Question No.3</b>		<b>Answer the following question ( any one )</b>	<b>15</b>
	<b>1</b>		
	<b>2</b>		
<b>Question No.4</b>		<b>Answer the following question ( any one )</b>	<b>15</b>
	<b>1</b>		
	<b>2</b>		
<b>Question No.5</b>		<b>Write short notes ( any four)</b>	<b>20</b>
	<b>1</b>		
	<b>2</b>		
	<b>3</b>		
	<b>4</b>		
	<b>5</b>		



**PUNYASHLOK AHILLYADEVI HOLKAR  
SOLAPUR UNIVERSITY, SOLAPUR**

**SKILL ORIENTED COURSE FOR  
B.P.Ed. PROGRAMME**

**TITLE OF THE COURSE  
CERTIFICATE COURSE IN AEROBICS AND ZUMBA TRAINER**

**INTRODUCED FROM  
THE ACADEMIC YEAR**

**2021-22**

**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**Skill Oriented Course w. e. f. 2021 - 22**

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**Title of the Course: Aerobics and Zumba Trainer Course.**

<input type="checkbox"/> Eligibility of the course	<b>: B.P.Ed. Semester - III</b>
<input type="checkbox"/> Total credit of the course	<b>: 04 Credit</b>
<input type="checkbox"/> Total marks of the course	<b>: 100 Marks</b>
<input type="checkbox"/> Weightage to practical work (marks)	<b>: 80 Marks</b>
<input type="checkbox"/> Weightage to Theory work (marks)	<b>: 20 Marks</b>
<input type="checkbox"/> Duration of the course	<b>: 12 weeks (60 Hours)</b>

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**Aim of the course: To develop a skilled and trained aerobics and zumba trainer.**

**Learning Outcomes:** After successful completion of this course, the students will be able to:

- 1) To enable students to become competent and committed professional.
- 2) To enable student to understand the need and importance of aerobic fitness.
- 3) To introduce and make aware about fitness program.
- 4) To enable students to design schedule.
- 5) To enable students to understand the effect of aerobics and zumba exercise on human body.
- 6) To enable students to understand and make aware about rhythm.
- 7) To make aware to give proper instructions about aerobics and zumba exercises.
- 8) To make aware about the duties and responsibilities of aerobics and zumba trainer.

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**Course Content:**

**Module 01: Introduction of Aerobics and Zumba.**

- Introduction of aerobics.
- Introduction of Zumba.
- Difference between aerobics and Zumba.
- Importance of aerobics and Zumba.



**Module 02: Basics of Aerobics and Zumba.**

- Basic exercises in aerobics.
- Basic exercises in zumba.
- Benefits of aerobics and zumba.
- Safety measures in aerobics and zumba.

**Module 03: Essentials of Aerobics and Zumba.**

- Equipment for aerobics and zumba.
- Basic steps of aerobics and zumba.
- Advance steps in aerobics and zumba.
- Designing training program for aerobics and zumba.

**Module 04:**

- Qualities of aerobics and zumba trainer.
  - Duties and responsibilities of trainer.
  - Visits to various clubs and fitness centers.
  - Report writing.
-

### Course Lay out

<b>Week</b>	<b>Content</b>	<b>Place</b>	<b>Hours</b>
Week 01	<ul style="list-style-type: none"> <li>• Introduction of aerobics and zumba</li> <li>• Difference between aerobics and zumba.</li> </ul>	Classroom	05
Week 02	<ul style="list-style-type: none"> <li>• Purpose of aerobics and zumba training.</li> <li>• Qualities and duties of trainer.</li> </ul>	Classroom	05
Week 03	<ul style="list-style-type: none"> <li>• Warming up exercise for aerobics.</li> <li>• Warming up exercise for zumba.</li> </ul>	Practical	05
Week 04	<ul style="list-style-type: none"> <li>• Basic steps in aerobics.</li> <li>• Basic steps in zumba.</li> </ul>	Practical	05
Week 05	<ul style="list-style-type: none"> <li>• Advance steps in aerobics.</li> <li>• Advance steps in zumba.</li> </ul>	Practical	05
Week 06	<ul style="list-style-type: none"> <li>• Designing training program for aerobics.</li> <li>• Designing training program for zumba.</li> </ul>	Practical	05
Week 07	<ul style="list-style-type: none"> <li>• Demonstration by trainer of aerobics.</li> </ul>	Practical	05
Week 08	<ul style="list-style-type: none"> <li>• Demonstration by trainer of zumba.</li> </ul>	Practical	05
Week 09	<ul style="list-style-type: none"> <li>• Demonstration by trainer of aerobics and zumba.</li> </ul>	Practical	05
Week 10	<ul style="list-style-type: none"> <li>• Actual group class conducted by trainer.</li> </ul>	Practical	05

	•	Practical	
Week 11	<ul style="list-style-type: none"> <li>• Practice and revision <ul style="list-style-type: none"> <li>• Evaluation Process includes: <ol style="list-style-type: none"> <li>1. Practical Activity</li> </ol> </li> </ul> </li> </ul>	Practical	05
Week 12	<ul style="list-style-type: none"> <li>• Evaluation Process includes: <ol style="list-style-type: none"> <li>2. Practical Activity</li> <li>3. Viva Voce</li> </ol> </li> </ul>	Practical	05
	• Theory Test or exam	Classroom	

### Evaluation system or process of the course:

Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course	20
02	Practical Activity evaluation	Demonstration of skilled steps of aerobics and zumba.	60
03	Practical Activity evaluation	Performance Test Administration, Assessment (any one test)	10
04	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

### References:

1. **Fitness aerobics: Lynne Bricks (M.D., M. P.H.).**
2. **Zumba fitness: Michelle Medlock Adams.**
3. **Sports Training: Dr. Hardayal Singh.**
4. **Test, measurement and evaluation: Dr. Kamlesh**
5. **The aerobics program for wellbeing: Kenneth H. Cooper.**
6. **Physiology of exercise: Dr. Clark.**





**PUNYASHLOK AHILLYADEVI HOLKAR  
SOLAPUR UNIVERSITY, SOLAPUR**

**SKILL ORIENTED COURSE FOR  
B.P.Ed. PROGRAMME**

**TITLE OF THE COURSE  
CERTIFICATE COURSE IN GYM INSTRUCTOR**

**INTRODUCED FROM  
THE ACADEMIC YEAR**

**2021-22**

**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**Skill Oriented Course w. e. f. 2021 - 22**

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**Title of the Course: Certificate course in gym instructor.**

<input type="checkbox"/> Eligibility of the course	<b>: B.P.Ed. Semester - III</b>
<input type="checkbox"/> Total credit of the course	<b>: 04 Credit</b>
<input type="checkbox"/> Total marks of the course	<b>: 100 Marks</b>
<input type="checkbox"/> Weightage to practical work (marks)	<b>: 80 Marks</b>
<input type="checkbox"/> Weightage to Theory work (marks)	<b>: 20 Marks</b>
<input type="checkbox"/> Duration of the course	<b>: 12 weeks (60 Hours)</b>

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**Aim of the course: To develop a knowledgeable and trained instructor.**

**Learning Outcomes:** After successful completion of this course, the students will be able to:

- 1) To enable students to become competent and committed professional.
- 2) To enable student to understand the need and importance of fitness and fitness center.
- 3) To introduce and make aware about fitness program.
- 4) To enable students to design schedule.
- 5) To enable students to understand the effect of exercise on human body.
- 6) To enable students to understand and make aware about human posture.
- 7) To make aware to give proper instructions about gym exercises.
- 8) To make aware about the duties and responsibilities of gym instructor.

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**Course Content:**

**Module 01: Introduction and training principles**

- Introduction of gym.
- Understanding the concept of physical fitness.
- Fundamentals of fitness
- Understanding the concept of exercise, importance of exercise and benefits of exercise.
- Basic principles of exercises.

**Module 02: Anatomy and physiology**

- Muscular system.
- Skeletal system
- Types of muscle contraction.
- Effect of exercises on human body.

**Module 03: Nutrition and**

- Warming up exercises.
- Weight training exercises of all muscle groups.
- Types of set
- Types of reps
- Scheduling program

**Module 04:**

- Deciding training intensity.
  - Qualities, duties and responsibilities of gym instructor.
  - Visits to various clubs, gyms and fitness centers etc.
  - Report writing.
-

### Course Lay out

<b>Week</b>	<b>Content</b>	<b>Place</b>	<b>Hours</b>
Week 01	<ul style="list-style-type: none"> <li>• Introduction of gym.</li> <li>• Understanding the concept of physical fitness.</li> <li>• Fundamentals of fitness</li> <li>• Understanding the concept of exercise, importance of exercise and benefits of exercise.</li> <li>• Basic principles of exercises</li> </ul>	Classroom	05
Week 02	<ul style="list-style-type: none"> <li>• Muscular system.</li> <li>• Skeletal system</li> <li>• Types of muscle contraction.</li> <li>• Effect of exercises on human body.</li> </ul>	Classroom	05
Week 03	<ul style="list-style-type: none"> <li>• Warm up</li> </ul> General and Specific warm up (with related anatomical body movement)	Practical	05
Week 04	<ul style="list-style-type: none"> <li>• Weight training exercises:-</li> <li>• Exercises of back.</li> <li>• Exercises of biceps.</li> <li>• Exercises of forearms.</li> </ul>	Practical	05
Week 05	<ul style="list-style-type: none"> <li>• Weight training exercises:-</li> <li>• Exercise of legs.</li> <li>• Exercise of chest.</li> <li>• Exercises of shoulder.</li> <li>• Exercises of triceps.</li> </ul>	Practical	05
Week 06	<ul style="list-style-type: none"> <li>• Types of sets.</li> <li>• Types of Reps.</li> </ul>	Practical	05
Week 07	<ul style="list-style-type: none"> <li>• Schedule</li> <li>• Designing training program.</li> </ul>	Practical	05
Week 08	<ul style="list-style-type: none"> <li>• Demonstration by trainee instructor.</li> <li>• Exercises of chest.</li> <li>• Exercises of back.</li> <li>• Exercises of arms</li> </ul>	Practical	05
Week 09	<ul style="list-style-type: none"> <li>• Demonstration by trainee instructor.</li> <li>• Exercises of legs.</li> <li>• Exercises of shoulder.</li> <li>• Exercises of triceps.</li> </ul>	Practical	05



Week 10	<ul style="list-style-type: none"><li>Actual training by trainee instructor.</li></ul>	Practical	05
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	•	Practical	
Week 11	<ul style="list-style-type: none"> <li>• Practice and revision <ul style="list-style-type: none"> <li>• Evaluation Process includes: <ul style="list-style-type: none"> <li>1. Practical Activity</li> </ul> </li> </ul> </li> </ul>	Practical	05
Week 12	<ul style="list-style-type: none"> <li>• Evaluation Process includes: <ul style="list-style-type: none"> <li>2. Practical Activity</li> <li>3. Viva Voce</li> </ul> </li> </ul>	Practical	05
	• Theory Test or exam	Classroom	

### Evaluation system or process of the course:

Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course	20
02	Practical Activity evaluation	Demonstration of exercises	60
03	Practical Activity evaluation	Performance Test Administration, Assessment (any one test)	10
04	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

### References:

1. Strength training and conditioning: R. A. Proctor
2. Sports Training principles: Frank W. Dick.
3. Nutrition and diet therapy: Lutz and Przytulshi.
4. Basic weight training for men and women: Thomas D. Fahey.
5. ACE
6. ISSA.
7. Atlas of anatomy (Trevor Weston).
8. World Wide Web.
9. Principles of anatomy and physiology by Gerrad J. Tortora.
10. Physical Fitness And Wellness: Jerrold S. Greenberg.



**PUNYASHLOK AHILYADEVJI HOLKAR  
SOLAPUR UNIVERSITY, SOLAPUR**



**CURRICULUM FRAMEWORK**

**FOR**

**Master of Education (M. Ed.)**

**From July 2021**

**(CBCS Pattern)**

**WITH SKILL ORIENTATION COURSES**

**PUNYASHLOK AHILYADEVJI HOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR  
TWO YEAR REVISED STRUCTURE AND CURRICULUM OF  
DEGREE OF MASTER OF EDUCATION  
(M. Ed.) COURSE FROM JULY 2021**

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**O. Ed.:**

Any person who has taken the degree of Bachelor of Education with minimum, 50 percent marks in aggregate in theory papers of this University or a Degree of another University with minimum 50% marks in aggregate in theory papers recognized as equivalent there-to may be admitted to the examination for the Degree of Master of Education after having fulfilled requirements as mentioned in R. Ed.

**R. Ed.:**

- a) The Examination for the Degree of M.Ed. shall be by papers.
- b) A candidate desiring to appear for the M.Ed. Examination by papers must: After a College of any other Institution recognized for the purpose and shall 'keep four terms to the satisfaction of the Head of the college/department.

**The General Objectives of M.Ed. Course are:**

1. To prepare professional personnel required for staffing of the Colleges of Education.
2. To prepare administrators and supervisors in schools and for positions of responsibilities in the Education Department at Institutions engaged in Education Research and Educational planning.
3. To prepare personnel for various educational services.

**O. Ed.:**

Candidates having kept terms for M.Ed., (Old Rules), Examination and desiring to appear for M.Ed. (New Rules) examination shall be required to appear for the examination as per new rules.

**O. Ed.: STANDARD OF PASSING**

- 1) To pass the M.Ed. examination, a candidate must obtain at least 50% marks in each theory paper (separate passing for internal and external assessment) and Enhancement of professional capacities, Dissertation and Viva-voce and 50% in the aggregate of all the theory paper, Dissertation and Viva-voce. Such a candidate shall be declared to have passed the examination in second class.
- 2) Those obtaining at least 55% marks (C+ Grade) in all Heads shall be declared to have passed the examination in Higher Second Class.
- 3) Those obtaining at least 60% marks (B Grade) in all Heads shall be placed in the First Class.
- 4) Those obtaining 70% and above marks (A Grade) in all Heads will be declared to have passed in First Class with Distinction.

5) M.Ed. Class/Grade will be declared on the aggregate performance in the Semester I, II, III& IV.

**NOTE:**

1. A candidate failing in any of the four semesters shall be required to appear for the examination in the next semester.
2. A candidate who has once passed in any of the theory Paper/Head of passing with 50% need not appear again for that theory Paper/Head.
3. While admitted to second year, ATKT (Allowed to keep Term) can be granted to those students, who have failed in at the most three papers of semester I and or semester II.
4. It is desired that, student will complete all his/her internal assessment work/ EPC work/ ISB work within the academic year only. If a student fails to complete his/her internal assessment work/ EPC work/ ISB work he/she may have to get readmitted to the college/Department.

**IMPROVEMENT OF CLASS/GRADE:**

Persons who hold a pass or Second class at the M.Ed. and who wishes to appear for the same examination in the same subjects in order to improve their class to secure minimum Higher Second Class (C+ Grade) shall be allowed to do so as per the provision of the following rules.

1. The concession to re-appear will be available only to persons holding M.Ed. degree of this University and desirous of reappearing for the same examination' for improvement of class shall be given' three chances to do within a period of six years from his/her first passing the said examination in the second class.
2. A candidate intending to reappear at the M.Ed. Examination under these rules shall be allowed to do so without keeping fresh terms.
3. A candidate intending to reappear at the M.Ed. Examination shall have to take the entire theory examination at one sitting.
4. A candidate intending to reappear for the M.Ed. Examination of this University under these rules shall be governed by the rules and regulations relating to courses and syllabi which may be prescribed by the University authorities in the case of the regular students of the M.Ed. class of this University from time to time. It shall be entirely the responsibility of the candidate to ascertain that, the papers he/she chooses are a part of the syllabus in force and are actually taught for the said examination.
5. The result of the candidate appearing for M.Ed. Examination under these rules will be declared only, if he/she passes the whole examination in a class higher than the class he possesses. The marks obtained by the candidate whose class is not improved will be made known to him/her on request and on the payment of prescribed fees.
6. If a candidate re-appears for the M.Ed. Examination under these rules and obtaining minimum higher second class shall not be eligible to appear again for the same examination in the same subject/s or for securing a class higher than the higher second class. (C+ Grade)
7. A candidate passing any of the post-graduate examination above under these, rules shall not be eligible to receive any prize- scholarship etc. instituted by the University and he/she shall also not be entitled to a merit certificate from the "University".
8. If a candidate is unable to 'get' a minimum higher class (C+ Grade) under this scheme'; his/her previous performance in the corresponding examination shall hold good;/ will be retained.
9. A candidate who improves his/her class under this scheme shall have to surrender his Previous "Degree Certificate" to the Solapur University. In the absence of this the Degree under the "Improvement of class scheme" will not be conferred on him.

## Curriculum Framework for the Degree of Master of Education (M. Ed.) from July 2021

- The regular full time course of Master of Education (M. Ed.) is of two years duration.
- The course has been framed so as to satisfy the essential compliances of NCTE as per Nov.-Dec. 2014 Notification. It also has added features making the course relevant to global demands, and socio-cultural needs.
- The university has adopted Choice Based Credit System (CBCS) and grading system along with continuous and comprehensive evaluation.
- The curriculum comprises five broader areas:
  - ❖ Perspectives in Education
  - ❖ Specialization Branches
  - ❖ Internship/Field Attachment
  - ❖ Research leading to Dissertation
  - ❖ Skill orientation course
- The course curriculum is of 2400 marks, 1920 periods of work (assuming period of 50 minute), and 96 credit points divided over four semesters. The semester-wise distribution of marks, credits, internal assessment marks and university assessment marks is briefed in the following table:

**Table A**

Sr. No.	Semester	Total Periods of Teaching, Learning & Field work	Credits	Internal Assessment Marks	University Assessment Marks	Total Marks
1	Year I, Semester I	480	24	280	320	600
2	Year I, Semester II	480	24	230	370	600
3	Year II, Semester III	480	24	280	320	600
4	Year II, Semester IV	480	24	180	420	600
	<b>Total</b>	<b>1920</b>	<b>96</b>	<b>970</b>	<b>1430</b>	<b>2400</b>

The semester-wise detailed framework is as follows:





# M.Ed. TWO YEAR SEMESTER COURSE STRUCTURE

## FIRST YEAR

### SEMESTER II

Table C

Paper	Title	Periods	Credits	Internal Marks	External Marks	Total Marks
<b>Core Courses Semester II</b>						
B - 01	Philosophy of Education	60	04	20	80	100
B - 02	Sociology of Education	60	04	20	80	100
B - 03	Curriculum Studies	60	04	20	80	100
B - 04	Teacher Education - I	60	04	20	80	100
<b>Enhancement of professional Capacities and Internal Semester Break (ISB)</b>						
B - 05	<b>Dissertation:</b> Preparation of Research proposal	30	01	25	00	25
	<b>Dissertation:</b> Presentation of Research proposal	30	01	25	00	25
B - 06	Internship in a Teacher Education Institution (Two Week)	120	04	100	00	100
B - 07	Viva-Voce	60	02	00	50	50
	<b>Total of Semesters II</b>	<b>480</b>	<b>24</b>	<b>230</b>	<b>370</b>	<b>600</b>

**M.Ed. TWO YEAR SEMESTER COURSE STRUCTURE  
SECOND YEAR  
SEMESTER III**

**Table D**

Paper	Title	Periods	Credits	Internal Marks	External Marks	Total Marks
<b>Core Courses Semester III</b>						
C - 01	Advance Research Method	60	04	20	80	100
C - 02	Teacher Education - II	60	04	20	80	100
<b>Specialization Courses (Any One)</b> (Each student will have to select one of specialization Course 100x 02= 200)						
C - 03	<b>Elementary Education</b> i) Elementary School level status, issues and concerns	60	04	20	80	100
	ii) Elementary School level Curriculum, Pedagogy and Assessment	60	04	20	80	100
C - 04	<b>Secondary Education</b> i) Secondary School level status, issues and concerns	60	04	20	80	100
	ii) Secondary School level Curriculum, Pedagogy and Assessment	60	04	20	80	100
<b>Enhancement of professional Capacities and Internal Semester Break (ISB)</b>						
C - 05	<b>Internship:</b> Related to Specialization Courses (Two Week)	120	02	50	00	50
C - 06	<b>Dissertation:</b> Development of Research Tools & Pilot study and review of Sampling	30	01	25	00	25
C - 07	Academic Writing	30	01	25	00	25
C - 08	<b>Skill orientation Courses (Any One)</b> (Each student will have to select one of skill orientation Course 1. Ethics and Behaviour of Innovative Teacher 2. Entrepreneurship and Education 3. School Counseling and Treatment 4. Statistical Analysis in Social Sciences Research	60	04	100	00	100
	<b>Total of Semester III</b>	<b>480</b>	<b>24</b>	<b>280</b>	<b>320</b>	<b>600</b>

**M.Ed. TWO YEAR SEMESTER COURSE STRUCTURE**  
**SECOND YEAR**  
**SEMESTER IV**  
**Table E**

Paper	Title	Periods	Credits	Internal Marks	External Marks	Total Marks
<b>Core Courses Semester IV</b>						
D - 01	Psychological Foundation of Education	60	04	20	80	100
<b>Specialization Courses</b> (Each student will have to select one of specialization Course 100x 03= 300)						
D – 02	<b>Educational Management and Planning</b> I. Educational Planning II. Educational Management III. Issues in Planning, Management and Financing of Education	180	12	60	240	300
D – 03	<b>Environmental Education</b> I. Sustainable Development II. Disaster Management III. Pedagogy and Current Issues in Environment	180	12	60	240	300
D – 04	<b>Inclusive Education</b> I. Special Education and Pedagogy II. Inclusive Strategies and Education for children with Diverse Needs III. Issues of special needed Child	180	12	60	240	300
D – 05	<b>Education and Peace</b> I. Peace Education II. Value Education III. World Education	180	12	60	240	300
D – 06	<b>Indian Constitution and Education</b> I. Constitution and Education II. Human Right and Education II. Right to Education and Articles related to Education	180	12	60	240	300

D – 07	<b>Guidance and Counseling</b> I. Introduction to Guidance and Counseling II. School Guidance Programme III. Career Development and Guidance	180	12	60	240	300
<b>Enhancement of professional Capacities and Internal Semester Break (ISB)</b>						
D – 08	<b>Dissertation:</b> Collection and Analysis of Data	60	02	50	00	50
D – 09	<b>Dissertation:</b> Writing and submission of Dissertation	60	02	50	00	50
D – 10	Viva Voce	120	04	00	100	100
	<b>Total of Semesters IV</b>	<b>480</b>	<b>24</b>	<b>180</b>	<b>420</b>	<b>600</b>
	<b>Grand Total of semester I,II,III &amp; IV</b>	<b>1920</b>	<b>96</b>	<b>970</b>	<b>1430</b>	<b>2400</b>

- 80 Marks for University Assessment means Theory papers.(Core Courses)
- 20 Marks for Internal Assessment of core courses by Department/College Assessment in which 10 Marks are for Tutorial and 10 Marks are for sessional work mention in syllabus.

## CREDIT AND GRADING SYSTEM

### (I) Award of Grade:

- (a) A student he/she shall be assigned a grade based on his/her combined performance in all components of evaluation scheme of a course as per the structure. The grade indicates an assessment of the student's performance and shall be associated with equivalent number called a grade point.
- (b) The academic performance of a student shall be graded on a ten point scale. The letter grades, the guidelines for conversion of core courses marks to letter grades and their equivalent grade points shall be as shown in **Table-F**.
- (c) The letter grades, the guidelines for conversion of Internal Assessment marks of semester I, II and III to letter grades shall be as shown in **Table-G**.
- (d) The letter grades, the guidelines for conversion of Internal Assessment marks of semester IV marks to letter grades shall be as shown in **Table-H**.
- (e) The letter grades, the guidelines for conversion of Internal Assessment marks of all four semesters' marks to letter grades shall be as shown in **Table-I**.

- (f) A student shall pass the course if he/she gets any grade in the range from "O" to "C".
- (g) The student has to secure a minimum 4.0 Grade Points (Grade C) in each core course. A student who secures less than 4.0 points will be declared Failed in that head of passing.

- **Calculation of Performance Indices:**

Semester Grade Point Average (SGPA) represents the performance of a student in a semester for which it shall be computed while Cumulative Grade Point Average (CGPA) represents the performance of a student cumulated over all semesters up to and including the semester for which it is computed. Both performance indices shall be on a scale of 10.

- **Conversion of Core Courses marks into Grades:**

**10- Point scale for courses having passing criterion of 50%**

**Table F**

Sr. No.	Range of Marks	Grade	Grade Point
1	80-100	O: Outstanding/Excellent	10
2	75-79	A+: Very Good	09
3	70-74	A: Good	08
4	65-69	B+: Above Average	07
5	60-64	B: Average	06
6	55-59	C+: Satisfactory	05
7	50-54	C: Pass	04
8	00-49	F: Fail	00

- **Conversion of Internal Assessment marks into Grades:**

**(EPC or ISB Courses for Semester I & III)**

**Table-G**

Sr. No.	Range of Marks	Grade
1	180-200	O
2	170-179	A+
3	160-169	A
4	150-159	B+
5	140-149	B
6	120-139	C+
7	100- 129	C
8	00-99	F

**F means fail in EPC or ISB Courses course**

- **Conversion of Internal Assessment marks into Grades:**  
(EPC or ISB Courses for Semester II )

**Table-G**

<b>Sr. No.</b>	<b>Range of Marks</b>	<b>Grade</b>
1	135-150	O
2	128-134	A+
3	120-127	A
4	113-119	B+
5	105-112	B
6	90-104	C+
7	75- 89	C
8	00-74	F

**F means fail in EPC or ISB Courses course**

- **Conversion of Internal Assessment marks into Grades:**  
(EPC or ISB Courses for Semester IV)

**Table-H**

<b>Sr. No.</b>	<b>Range of Marks</b>	<b>Grade</b>
1	90-100	O
2	85-89	A+
3	80-84	A
4	75-79	B+
5	70-74	B
6	60-69	C+
7	50-59	C
8	00-49	F

- **Conversion of Internal Assessment marks into Grades:**  
(EPC or ISB Courses for All Semester )

**Table-I**

Sr. No.	Range of Marks	Grade
1	585-650	O
2	553-584	A+
3	520-552	A
4	488-519	B+
5	455-487	B
6	390-454	C+
7	325-389	C
8	00-324	F

- **Calculation of Grade Point Average (GPA):**
- **Semester Grade Point Average (SGPA):**
  - (a) The performance of a student in a semester shall be indicated by a number called SGPA.
  - (b) SGPA shall be the weighted average of the grade points obtained in all the core courses registered by the student during the semester.

**1. Grade Point Average at the end of Semester (SGPA):**

$$SGPA = \frac{(G1 \times C1) + (G2 \times C2) + \dots}{\sum Ci}$$

( $\sum Ci$  means total number of credits offered by the student during a semester)

**2. Cumulative Grade Point Average (CGPA):**

- (a) An up-to-date assessment of the overall performance of a student for the core courses from the first semester onwards till completion of the program shall be obtained by calculating a number called CGPA.
- (b) CGPA shall be the weighted average of the grade points obtained in all the courses registered by a student since the beginning of the first semester of the program.

$$CGPA = \frac{(G1 \times C1) + (G2 \times C2) + \dots}{\sum Ci}$$

- ( $\sum C_i$  means total number of credits offered by the student for the B.Ed. Course)
- C1 means credits allocated for paper I, C2 means credits allocated for paper II .....
- G1 means Grade Point scored in paper I, G2 means Grade Point scored in paper II ....
- **Conversion of average grade points into grades:**

The student's performance of course will be evaluated by assigning a letter grade on seven points scale as given below:

- **Letter Grade of the candidate based on CGPA in 10- Point:**

**Table-J**

<b>SGPA/CGPA</b>	<b>Letter Grade</b>
9.5-10	O
8.5-9.4	A+
7.5-8.4	A
6.5-7.4	B+
5.5-6.4	B
4.5-5.4	C+
4.0-4.5	C
00-3.9	F



# M. Ed. Second Year

## Semester III

### CourseC-01: Advance Research Method

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

#### **Objectives:**

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

1. convey the essential characteristics of a set of data by representing in tabular and graphical forms and computing relevant measures of average and measures of variation
2. examine relationship between and among different types of variables of a research study
3. explain or predict values of a dependent variable based on the values of one or more independent variables
4. estimate the characteristics of populations based on their sample data test specific hypotheses about populations based on their sample data
5. use appropriate procedures to analyse qualitative data demonstrate competence in the use of statistical packages for analysis of data

#### **Course Content**

##### **Unit I- Descriptive Analysis of Quantitative Data**

- a) Data types: Nominal, Ordinal, Interval and Ratio scale.
- b) Measures of central tendencies and dispersion.
- c) Relative positions: percentile rank, z-scores.
- d) Examining relationships: correlation and co-relation co-efficient, Pearson and Spearman's Correlation
- e) Concept of regression, regression equation and their uses.

##### **Unit II- Inferential Analysis of Quantitative Data**

- a) Concept of parameter, sampling error, standard error of mean
- b) Testing of hypotheses-null and alternative hypotheses, directional alternative hypotheses, testing of null hypotheses, levels of significance.
- c) Analysis of variance and Co- variance (ANOVA and ANCOVA)-concept, assumptions and uses
- d) Non-parametric Tests: Assumptions and uses of Chi-square test, rank test and median test

##### **Unit III- Data Analysis in Qualitative and Mixed Research**

- a) Analysis of visual data, enumeration, identifying relationship
- b) Context analysis, corroborating, establishing credibility.
- c) Triangulation
- d) Trend Analysis

##### **Unit IV-Computer for Data Analysis and Preparation of Research Report**

- a) Use of Computer for data analysis- Use of different types of software for statistical analysis SPSS, EXCEL

- b) Preparation of Research Report: Sections: Preliminary Main body, Reference
- c) Preparation of Research Abstracts and Research Synopsis
- d) Evaluation of Research Report

### **Transaction Mode**

Presentation, demonstration and discussion, reading additional resources provided on web-based students study sites, individual and group exercises, study of published empirical research article, and development of a statistical analysis plan on the topic selected for dissertation.

### **Sessional Work (Total 30 Marks)**

- The student may write one tutorial question out of three prepared tutorial questions.

**(10 Marks)**

The student teacher may undertake **any Two** of the following activities: **(05 Marks Each)**

- Analysis of data using Statistical Packages
- Evaluate the any one research dissertation
- Preparation of Research article on own research
- Present action research synopsis in seminar

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**M. Ed. Second Year**  
**Semester III**  
**CourseC-02: Teacher Education - II**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. Understand the perspectives & policy on Teacher Education.
2. Understand the structure & management of Teacher Education.
3. Understand the Research in Teacher Education.
4. Understand the problems & issues in Teacher Education.
5. Understand & appreciate the research perspectives on various practices in teacher education.
6. Be acquainted with the issues and problems related to Teacher Education.
7. Critically examine the role & contribution of various agencies “& regulating bodies in enhancing the quality of teacher education.
8. Develop professional attitudes, values & interests needed to function as a teacher educator.

**Course Content**

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

- a) Teacher Development – Concept, factors influencing teacher development.- personal, contextual.
- b) Teacher Expertise- Berliner’s Stages of development of a teacher.
- c) Approaches to teacher development – self directed development, co-operative or collegial development, change oriented staff development.
- d) National & State Policies on teacher education – a review.
- e) Different organizations & agencies involved in teacher education – it’s roles, functions & networking.
- f) In service teacher education under DPEP, SSA & RMSA.
- g) Preparation of teacher for art, craft, music, physical education, and special education- need, existing programs & practices.
- h) Initiatives of NGOS in designing & implementing in service teacher education programs.

**Unit II – Structure & Management of Teacher Education**

- a) Structure of teacher Education system in India – its merits and demerits.
- b) Universalization of secondary Education & its implications for teacher education at secondary level.
- c) Preparing teachers for different contexts of school education – structural & substantive arrangements in teacher education programs.
- d) Vertical mobility of a school teacher – avenues,
- e) Professional development of teachers and educators- present practices and avenues.
- f) Factors influencing the quality of pre and in service education of secondary school teachers

### **Unit III – Research in Teacher Education**

- a) Paradigms for research on teaching – Gage, Doyle & Shulman.
- b) Research on effectiveness of Teacher Effectiveness Programs- characteristics of an effective Teacher Education Program.
- c) Methodological issues of research in Teacher Education – direct versus indirect inference, generalizability of findings, and laboratory versus field research, scope and limitations of classroom observations.
- d) Trends of research in Teacher Education- Review of a few recent research studies in Teacher Education with reference to design. Findings and policy implications.

### **Unit IV – Problems & Issues in Teacher Education**

- a) Challenges in professional development of Teachers- relevance to school education, improperly qualified teacher educators, assurance of quality of teacher education program.
- b) Sufficiency of subject matter knowledge for teaching at the Senior Secondary Level.
- c) Single subject versus multiple subject Teachers – implications for subject combinations in initial teacher preparation.
- d) Issues related to enhancing teacher competence, commitment and teacher performance.
- e) Partnership in secondary Teacher Education – TEI with school and community, Government agencies with university, with NGO's, between teacher education institutions preparing teachers for different Levels of school educations.

### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.  
(10 Marks)
- The students may undertake **any two** of the following activities(**05 Marks each**)
- Study of the Annual Reports of SCERT / NCERT/ NUEPA/QCI to identify the various programs for professional development of teacher educators.
- Select any one current practice in teacher education & trace out the background of its formulation as a policy.
- A review of researches in any one area of research in teacher education & write the policy implications.
- A review of a research article in teacher education and write implications for PR actioners.

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**M. Ed. Second Year**  
**Semester III (Specialization Course)**  
**Specialization Area: Elementary Education**  
**CourseC-03**

**I: Elementary School level Status, Issues and Concerns**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives**

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

1. Understand the concept, objectives, rationale, challenges and extent of success of Universal Elementary Education (UEE)
2. Discuss the development of elementary education in India since independence
3. Reflect on the relevance of strategies and programmes of UEE.
4. Develop an understanding of underlying principles of curriculum development and evaluation at elementary stage
5. Reflect on the need and importance of work experience, art education, health physical education and working with the community.
6. Understand the importance of teaching of language and mathematics at elementary level 7. Develop the capability to use effectively various methods and approaches of teaching language, mathematics and EVS at elementary level
8. Develop research insight for curriculum development in elementary education.
9. Gain insight into the need and objectives of elementary teacher education,
10. Understand the development of elementary teacher education in post-independent India
11. Gain insight into the existing pre-service teacher education programmes and their organizational aspects
12. Develop understanding of the needs, importance and existing practices of in-service education of teachers and functionaries associated with elementary education
13. Develop understanding of status of elementary teachers, the problems and issues related to professional growth.

**Course Content**

**UNIT-I: Perspectives and Context of Elementary Education**

- a) Developmental characteristics and norms-physical, cognitive process and abilities;
- b) language development;
- c) socio-emotional development during early and late childhood (only Implications from theories to be referred)
- d) Conceptual analysis of the concepts in elementary education like learner/learning centered approach, activity centered approach, freedom and discipline; reflection on present practices.

**UNIT-II: Development of Elementary Education**

- a) Nature and focus of Elementary Education after independence.
- b) Relevance of educational thought of Mahatama Gandhi and Tagore to elementary education.

- c) Constitutional provision for education and Directive Principles related to elementary education and their implications.
- d) Right to Education as fundamental right ; provision in RTE Act and related issues.
- e) Elementary education as highlighted in NPE-1986, POA-1992, National Curriculum Framework (NCF)-2005.

### **UNIT-III: UEE, Objectives and Challenges**

- a) Concept, objectives, meaning and justification of UEE.
- b) Critical appraisal of current status of UEE (access enrolment, and retention) with reference to the equity principles: differential across habitation, gender, caste and other socially disadvantaged groups including first generation learners and migrant population.
- c) Enrolment and dropout : meaning and assessment and related issues and dropout
- d) Achievement levels of different types of learners-status and issues.
- e) Differently abled children-types, access, issues and challenges; critical appraisal of inclusive education as a solution.

### **UNIT IV-Strategies and Programmes in Elementary Education**

- a) Panchayatraj and community involvement in educational planning and management related issues
- b) Participation of NGOs in achieving goals of UEE
- c) ECCE programme, women empowerment as support services
- d) Providing minimum facilities, improving internal efficiency of the system-teacher empowerment and incentive schemes; managing learning in multigrade contexts.
- e) District primary education programme-goals and strategies.
- f) Sarva Shiksha Abhiyan- goals and specific programme interventions at national level and in respective states to improve access, enrolment, retention/participation and achievement.
- g) Monitoring, research and evaluation of specific schemes like mid-day meals, establishments of VEC and different incentive schemes and achievement levels

### **Transaction mode**

Lecture-cum-discussion; discussion and reflection in groups; assignments based on library and internet followed by presentations in seminars; field visits followed by submission of report.

### **Transactional Mode**

Group discussion, Lecture-cum –discussion, panel discussion, symposium, reports, research Journals, school visits and sharing of experiences

### **Sessional work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.  
(10 Marks)
- The students may undertake **any one** of the following activities (05 Marks)
- Each student is required to prepare a status report on elementary education in a chosen state or district with reference to classroom process, access, enrolment, retention/participation, dropout and learning achievement and present in a seminar.

### **Sessional Work:**

The student teacher may undertake **any one** of the following activities: **(05 Marks)**

- Evaluate a textbook of elementary class with reference to its adequacy and appropriateness in achieving expected learning outcomes in any subject
- Design an instructional plan of a unit in a subject at elementary level
- Prepare unit-test, administer the test, determine gaps in attainment of objectives and plan remedial instruction for non-masters
- Evaluation of art education/health and physical education programmes as existing in any school

### **Sessional Works:**

The students may undertake **any one** of the following activities: **(05 Marks)**

- Critical study of existing teacher education curriculum of a state
- Preparing a training plan (design) for the in-service training of specified target group on a specified theme
- Demonstrating a training technique with peers
- Constructing a tool for evaluation of specified skills/understanding/attitudes
- Evaluation of any one of the in-service teacher training programme organised by any one of the resource institutions

### **Essential Readings**

- MHRD (2001): Convention on the Right of the child. New Delhi.
- UNESCO (2005): EFA Global Monitoring Report on Quality of Education Finance.
- Erickson, H.L. (2002): Concept-based Curriculum and Instruction. Crown Press, Inc. California.
- NCERT (2005): National Curriculum Framework, NCERT, New Delhi.
- National Curriculum for Elementary and Secondary Education (1998) - A Framework, NCERT, New Delhi.
- NCERT (2005): Position paper on Teacher Education for Curricular Renewal, New Delhi.
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- Singhal, R.P. (1983) Revitalizing School complex in India, New Delhi.
- Sharma, Ram Nath (2002): Indian Education at the cross road. Shubhi Publications.
- Tilak, J.B. (1992) Educational Planning at gross roots, New Delhi.
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- Dunkin, M.J. (Ed.) (1987): The International Encyclopedia of Teacher and Training Education, Pergamon Press, N.Y.
- Jangira, N.K. & Ajit Singh (1992): Core Teaching Skills – A Microteaching Approach, NCERT – New Delhi.
- Kauchak, D.P. & Paul, D. Eggen (1998): Learning and Teaching. Allen & Bacon. Sydney.
- Kundu, C.L (1988): Indian Yearbook on Teacher Education, Sterling Publishers Pvt. Ltd., New Delhi.
- MHRD (1986)-Towards a Human and Enlightened Society – Review of NPE, New Delhi.
- MHRD (1966): Report of the Education Commission, New Delhi.
- NCERT (1987): In-service Teacher Education Package for Primary School Teachers, New Delhi.
- NCERT (1991): Elementary Teacher Education Curriculum, Guidelines and Syllabi, New Delhi.
- .NCERT (2005): National Curriculum Framework, New Delhi.
- NCTE, (2004): Teacher Education Curriculum, New Delhi.
- Singh, L.C. (Ed.) (1987): Teacher Education – A Resource Book, NCERT, New Delhi.
- Wragg, E.C. (1984): Classroom Teaching Skills, Croom Helm, London.

**M. Ed. Second Year**  
**Semester III (Specialization Course)**  
**Specialization Area: Elementary Education**  
**CourseC-03**

**II: Elementary School level Curriculum, Pedagogy and Assessment**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. To understand the Characteristics and general principles to curricular approach of Elementary Education.
2. To understand the programmes in Elementary Education.
3. To understand the Training programmes and researches in Elementary Education.
4. To understand the evaluation process of Elementary Education.

**Unit I– Strategies/ Approaches and Resources for Elementary Education**

- a) Characteristics of programmes for different settings – Elementary grade children – needed emphasis and rationale
- b) General principles to curricular approaches – activity based/ play-way, child-centred, theme-based, holistic, joyful, inclusive using story-telling, puppetry, musical and rhythmic exercises, dramatization, role-play, art activities, indoor and outdoor play, field trips and explorations as methods in Elementary
- c) Early primary stages – meaning, rationale, method of transaction in specific contexts.
- d) Local specific community resources – human and material & their integration to curricular activities;
- e) preparation & use of learning and play materials – principles and characteristics;
- f) Community involvement in effective implementation of Elementary Education programmes

**Unit II– Programmes in Elementary Education & Principles of Elementary School Curriculum**

- a) District primary education programme-goals and strategies.
- b) Sarva Shiksha Abhiyan- goals and specific programme interventions at national level and in respective states to improve access, enrolment, retention/participation and achievement.
- c) Monitoring, research and evaluation of specific schemes like mid-day meals, establishments of VEC and different incentive schemes and achievement levels.
- d) Concept, components and determinants of curriculum;
- e) principles of curriculum construction, criteria for selection and organisation of content and learning activities; different perspectives to curriculum and their synthesis – behaviouristic, cognitive and constructivist;
- f) evaluation of curriculum – formative and summative; techniques and tools of assessing cognitive abilities, affective learning, skills and processed and motor abilities.
- g) The relevance to NCF, 2005 and autonomy in developing curriculum with regard to local specific issues and challenges.

### **Unit III – Training, Research in Elementary Education**

- a) Need and significance of personnel involved in Elementary Education programme.
- b) Status & nature of training programmes – pre-service & in-service – a critical evaluation, issues, concerns and problems.
- c) Areas of research studies in Elementary Education.
- d) Role of MSCERT in Elementary Education

### **Unit IV-Curriculum and Evaluation in Elementary Education**

- a) Principles of Elementary School Curriculum
- b) Curriculum , Objectives, Planning , Organisation and Evaluation of for Work Experience, Art Education, Health & Physical Education, Language(s), Mathematics, Environmental Studies/ Social sciences and Natural Sciences in Elementary Education.
- c) Preparation and use of different types of curricular material

### **Transaction Mode**

- Group Discussion : reviews and analysis of book/reports/documents;
- Observation of activities of the children followed by case studies
- Film shows followed by discussion
- Seminar presentations followed by discussion
- Research review and criticism
- Projects and assignments focusing on observation and interaction with children on specific theme.

### **Sessional Work (Total 20 Marks)**

- The student may write one tutorial question out of three prepared tutorial questions.

**(10 Marks)**

The students may undertake **any Two** of the following activities(**05 Marks Each**)

- Case study of any one Elementary School
- Study of present status of Elementary Education in a State//District
- Writing of journal articles on different issues on Elementary Education
- Survey of play materials and comparing with the socio-cultural set-up
- Survey of child rearing practices in different cultures

### **Essential Readings**

- NCTE (2009) National Curriculum Framework for Teacher Education, New Delhi.
- Govt. of India (2005). National Plan of Action for Children, 2005: Department of Women and Child Development, New Delhi
- NCERT (2005). Position Paper of the National Focus Group on Early Childhood Education, NCERT, New Delhi.
- UNESCO (2007): Strong Foundations: Early Childhood Care and education. Paris.

### **References:**

- Aggarwal, J.C. and Gupta, S. (2007). Early Childhood Care and Education (1st Ed.). Shipra Publications, New Delhi.

- Government of India (1986). National Policy on Education, Department of Education, New Delhi.
- Mishra, R.C. (2005). Early Childhood Education Today, Prentice Hall Publisher
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- UNESCO (2007). Strong Foundations: Early Childhood Care and Education, Paris, UNESCO.
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- World Bank (2004). Reaching out to the Child: An Integrated Approach to Child Development, New Delhi, Oxford University Press.

**M. Ed. Second Year**  
**Semester III (Specialization Course)**  
**Specialization Area: Secondary Education**  
**CourseC-04**

**I: Secondary School level Status, Issues and Concerns**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:** On completion of the course the student-teachers will be able to:

1. Understand the nature-scope and systems of secondary and senior secondary education
2. Examine the status of development of secondary and senior secondary education in India after Independence
3. Understand the problem and challenges related to secondary and senior secondary education
4. Understand the interventions to solve the problems and issues related to alternative schooling at secondary schools.
5. Identify the problems issues of secondary school teachers Visualize the impact of Rights of children to free and Compulsory Education Act, 2009 to universalization of Secondary Education
6. Understand the nature of education for multiple intelligence
7. Learn the modalities of educational projection
8. Understand the modalities of secondary education management information system
9. Examine the nature and objectives of teacher education
10. Critically examine the growth and development of teacher education in the country
11. Appraise the existing teacher education curriculum from the standpoint of its relevance to the demands of present day school curriculum
12. Use various methods and techniques for transaction of curriculum
13. Develop understanding regarding organization and supervision School Experience Programme
14. Critically examine the role and contribution of various Regulatory Bodies and support institutions for improving quality of Teacher Education.
15. Develop understanding of various strategies of teachers' professional development
16. Gain insight into the status of teachers in-service education in the country
17. Develop understanding of the process of in-service teacher education,
18. Use various methods and techniques for the identification of training needs,
19. Use various techniques for the evaluation of in-service teacher education programmes,
20. Reflect on issues, concerns and problems of teacher in-service education of the teachers.
21. Appreciate the use of ICT for the professional development of the teachers.

**Course Content**

**Unit -I - Nature, Scope, function and systems of Secondary Secondary Education**

- a) Status of Secondary
- b) process of teaching-learning of adolescent
- c) exposure to integrated and subject specific streams guidelines and counseling strategies to meet changing physiological and sociological requirements.
- d) Education for Multiple Intelligence

- e) Educational Projection

### **Unit -II Problems and Challenges of Secondary Education**

- a) Problems and challenges related to universalisation of Secondary Education
- b) Problems and Strategies of Alternative Schooling at Secondary Stage
- c) Problems / challenges / strategies / intervention in relation to access enrolment, dropout, achievement equality of Educational opportunities
- d) Problems of education for girls, disadvantaged and differently abled children and show learners and interventions to solve the problem
- e) Classroom problems discipline, under achievement, lack of motivation slow learners, delinquency and maladjustment
- f) Issues of quality in secondary and senior secondary education Management System of secondary education, Department of Education, Directorate, Inspectorate and Private Agencies

### **Unit -III Teacher Education in Indian at Secondary Level**

- a) Pre-Service and Inservice Teacher Education: concept, nature, objectives and scope.
- b) Development of teacher education in India at secondary level, recommendations of various commissions and committees concerning teacher education system. Impact of NPE, 1986 and its POA on teacher education system.
- c) The Centrally Sponsored Scheme for the Reconstructing and Strengthening of Teacher Education Institutions at secondary level: roles and functions of IASEs, CTE.
- d) Roles, functions and networking of institutions like UGC, NCERT. NCTE. NUEPA, SCERTs etc.
- e) Issues, concerns and problems of pre-service and in-service teacher education at secondary and senior secondary level.

### **Unit -IV: Secondary Education Management Information System (SEMIS) and Assessment and Evaluation**

- a) CCE in Teacher Education.
- b) Formative and summative evaluation; norm referenced and criterion reference evaluation.
- c) Evaluation of school experience/internship programmes.
- d) Assessment of teaching proficiency: criterion, tools and techniques.
- e) Organization and regulation of internal assessment in PSTE: Preparation of guidelines and scheme of internal assessment.
- f) Portfolio assessment
- g) Structure of MIS School mapping at secondary level
- h) Course mapping at senior secondary level

### **Transactional Mode**

- Group discussion, lecture-cum-discussion, panel discussion, symposium, reports research journals, school visits and sharing of experiences, presentation of case studies and individual group assignments in a seminar.
- Preparing a training plan (design) for the in-service training of specified target group on a specified theme
- Demonstrating a training technique with peers
- Constructing a tool for evaluation of specified skills/understanding/attitudes
- Evaluation of any one of the in-service teacher training programme organised by any one of the resource institutions
- Preparation of a plan for INSET of the teachers of school.
- Construction of Tools for identification of Training needs in different subject areas.
- Identification of Training needs of a group of teachers of a school.
- Preparation of self-learning material/e-content for primary or secondary school teachers.
- Appraisal of a training programme organised by DIET/IASE/CTE.

### **Sessional Work (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.  
**(10 Marks)**
- The students may undertake **any Two** of the following activities**(05 Marks Each)**
- preparing status report on secondary education in a chosen block/district with reference to enrolment, equity and achievement
- preparing a report on the existing status of the teachers, method of recruitment of salary structure
- conducting a survey of secondary schools on the chosen area on the causes of under achievement and suggest improvement there of
- visits of different types of secondary schools and preparation of school profiles
- conduct interview with teachers/students/parents of different schools and prepare a report on problems of secondary education.
- preparation of status report of performance of teachers in contextual curriculum transaction
- observation of in-service teacher education programme at secondary level and preparation of a report
- identification of committed teachers and preparation of their profiles
- visit to alternative education centers at secondary level and preparation of a report
- survey of educational needs of disadvantages/disabled

### **Essential Readings**

- NCTE (2009) National Curriculum Framework for Teacher Education, New Delhi.
- NCERT (2005): Position paper on Teacher Education for Curricular Renewal, New Delhi.
- UNESCO (2006): Teachers and Educational Quality: Monitoring Global Needs for 2015. UNESCO Publication. Montreal.

- The Reflective Teacher: Organization of In-service Training of the Teachers of Elementary Schools under SSA, Guidelines, 2006 by NCERT.
- Report of the Education Commission (1964-66).
- Report of the National Commission on Teachers (1983-85).
- National Curriculum Frameworks for Teacher education, 2009
- Report of the Delors Commission, UNESCO, 1996
- National Policy of Education 1986/1992.
- National Curriculum Framework on school education, 2005.
- Govt. of India, MHRD (2005). Universilisation of Secondary Education : Report of the CUBE Committee, New Delhi

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- Beck, Clive & Clark Kosnik Albany (2006): Innovations in Teacher Education: A Social Constructivist approach. StateUniversity of York.
- Cohen Louis, Minion Lawrence & Morrison, Keith (2004). A Guide to Teaching Practice (5th edition). Rout ledge Falmer. London and New York.
- Herne Steve, Jessel John & Griffith, Jenny (2000). Study to Teach: A Guide to Studying in Teacher Education. Rout ledge Falmer. London and New York.
- Korthagen, Fred A.J.et al; (2001): Linking Practice and Theory: The Pedagogy of Realistic Teacher Education. Lawrence Erlbaum Associates.
- NCTE (1998): Policy Perspectives in Teacher Education. New Delhi.
- NCTE (1998). Competency Based and Commitment Oriented Teacher Education for QualitySchool education: Pre-Service Education. New Delhi.
- Rao, Digumarti Bhaskara (1998). Teacher Education in India. Discovery Publishing House. New Delhi.
- Linda Darling, Harmmond & John Bransford (2005): Preparing Teachers for a changing World. John Wiley & Son Francisco.
- Loughran, John (2006): Developing a Pedagogy of Teacher education : Understanding Teaching and Learning about Teaching. Routledge: New York.
- Yadav, M.S. & Lakshmi, T.K.S. (2003): Conceptual inputs for Secondary Teacher Education: The instructional Role. India, NCTE.
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- Siddiqui, M.A. (1993). In-Service Education of Teachers. NCERT. New Delhi.
- Sudesh Mudhopadyay and Anil Kumar K (2001) Quality Profiles of secondary schools, NIEPA, New Delhi
- Chopra, R.K. (1993) Status of Teachers in India, NCERT, New Delhi



- Govt. of India (1953) Report of Secondary Education Commission, New Delhi
- Govt. of India (1996) Indian Education Commission (1964-66) Report. New Delhi
- Govt. of India - (1986/1992) National Policy of Education, 1992 Modification and their POA's, MHRD, Dept. of Education
- Malhotra, P.L. (1986) School Education in India: Present Status and Future Needs NCERT, New Delhi

**M. Ed. Second Year**  
**Semester III (Specialization Course)**  
**Specialization Area: Secondary Education**  
**CourseC-04**

**II: Secondary School level Curriculum, Pedagogy and Assessment**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives**

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

1. develop an understanding of underlying principles of curriculum development and evaluation at Secondary and Senior Secondary Stage
2. reflect on the need and importance of work experience, art education, health physical education and working with the community.
3. understand the importance of teaching of language science and mathematics at secondary level
4. develop the capability to use effectively various methods and approaches of teaching learning of various subjects at secondary level
5. develop research insight for curriculum development in elementary education.
6. understand the nature and uses of different types of tools and techniques of evaluation in education
7. acquire the skill to construct the achievement and diagnostic tests
8. administer the tests and interpret the best scores and its implication to students and parents
9. undertake action research and interpret the results

**Course Content**

**Unit I– Principles of School Curriculum Development at Secondary Level**

- a) Concept, components and determinants of curriculum;
- b) principles of curriculum construction,
- c) criteria for selection and organization of content and learning activities;
- d) designing integrated and interdisciplinary learning experiences different perspectives to curriculum transaction and their synthesis
- e) behaviorist, cognitive and constructivist;
- f) Evaluation of curriculum – formative and summative; the relevance to NCF, 2005 and autonomy in developing curriculum with regard to local specific issues and challenges.

**Unit II –Secondary School level Curriculum**

- a) Language Curriculum: Discipline, Implementation Process
- b) Science Curriculum: Discipline, Implementation Process
- c) Social Science Curriculum: Discipline, Implementation Process
- d) Mathematics Curriculum: Discipline, Implementation Process

### **Unit -III: Support system, Curriculum and Evaluation of Secondary education**

- a) Support system – Interactive Technologies, Teleconferencing, e-learning, designing of e-content.
- b) Challenges and limitations of interactive technologies for INSET.
- c) EDUSAT for Teacher professional development programme (CPD)
- d) Curriculum of teacher education programme at secondary and higher secondary level.
- e) Evaluation of Teacher Education Programme

### **Unit IV – Training, Research in Secondary Education**

- a) Need and significance of personnel involved in Secondary Education programme.
- b) Status & nature of training programmes – pre-service & in-service – a critical evaluation, issues, concerns and problems.
- c) Areas of research studies in Secondary Education.
- d) Role of State Board in Secondary Education

### **Transaction mode**

Panel discussion, interviews (with experts in curriculum studies) on identified themes, self study and presentation of paper in internal seminars; self reading of original sources i.e. NPE, NCF, CUBE reports, Commissions and Committees on Secondary Education and Curriculum related issues and reflective discussion on the recommendations.. Hands- on-experiences at work situation and observation of training sessions and presentation etc

### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

The students may undertake **any Two** of the following activities:(**05 Marks Each**)

- Critical appraisal/analysis of existing syllabi and textbooks on teacher education developed by various agencies at national/state/local levels.
- Evolving criteria for development of syllabi and textbooks
- Maintaining of reflective diary on institutions i.e. SCERTs, School Boards, National organisations) observed visited and analysis of the own experiences.
- Evaluation of syllabus related to teacher education of any state either at senior secondary level.
- Critical analysis of a curriculum conducting continuous evaluation in scholastic and non-scholastic areas preparation, administration and interpretation of a diagnostic test
- preparation of SES scale for 30 students of a class, collection, classification, tabulation and graphical representation of data as well as interpretation of data analysis of curricular materials with reference to development of values analysis of curricular materials with reference to gender sensitivity a study of curriculum load and home work practices,
- conducting an action research and reporting the results critical study of a text-book/work book conducting a case study study of the evaluation practices in selected schools
- critical analysis of examination papers construction and tryout of classroom tests

## **Essential Reading**

Wiles, J.W. & Joseph Bondi (2006): Curriculum Development: A Guide to Practice. Pearson Publication.

## **References**

- Aggarwal, Deepak (2007): Curriculum development: Concept, Methods and Techniques. New Delhi. Book Enclave.
- Diamond Robert M. (1986) Designing and Improving Courses in Higher Education: A Systematic Approach, California, Jossey-Bass Inc. Publication.
- Joseph, P.B. et al; (2000): Cultures of Curriculum (studies in Curriculum Theory). New York. TeacherCollege Press.
- Oliva, Peter F. (1988) Developing the Curriculum. Scott, and Foresman and Co.
- Reddy, B. (2007): Principles of curriculum planning and development.
- Erickson, H.L. (2002): Concept-based Curriculum and Instruction. Crown Press, Inc. California.
- NCERT (2005): National Curriculum Framework, NCERT, New Delhi.
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- Chastain, K. (1970): The Development of Modern Language Skills – Theory to Practce. Rand Menally & Co., Chicago.
- In-service Teacher Education Package for Primary and Secondary Teachers (1988), Volume I & II, NCERT, New Delhi.
- Aggarwal, J.C (1990). Curriculum Reform in India- World overviews, Doaba World Education Series-3 Delhi, Doaba House, Book seller and Publisher.
- Arora, G.L. (1984): Reflections on Curriculum. NCERT.
- Dewey, John (1966). The Child and the Curriculum. The University of Chicago Press.
- McKernan, James (2007): Curriculum and Imagination: Process, Theory, Pedagogy and Action Research. Routledge. U.K.
- NCERT (2005). National Curriculum Framework-2005, NCERT, Sri Aurobindo Marg, New Delhi.

## M. Ed. Second Year

### Semester III

#### Enhancement of Professional Capacities and Internal semester Break

#### CourseC-05: Internship related to specialization courses

Credits: 02

Maximum Marks: 50

Internal: 50

Duration: Two Week

#### Two Week Internship

- Participation in Practical Work in School
  - Lesson Guidance (Min. 05 Lessons)
    - 06 Lessons of School subject
  - Lesson Observation of B.Ed. Pupils (Min. 10 Lessons)
  - Lesson Observation of School Teachers (Min. 02 Lessons)
  - Observation of School Administration and Management
  - Study of School Curriculum
  - Observe and Study the Slow and Advance Learner (Any One)
  - Work as a Teacher Educator in School
- The Evaluation Structure is as follows:

Sr. No.	Particular	Marks
01	Lesson Guidance	15
02	Observation of School Administration and Management	05
03	Observe and Study the Slow and Advance Learner	10
04	Study of School Curriculum	10
05	Lesson Observation of B.Ed. Pupils & School Teachers	10
<b>TOTAL MARKS</b>		<b>50</b>

## M. Ed. First Year

### Semester III

#### Enhancement of Professional Capacities and Internal semester Break

#### CourseC-06: Dissertation: Development of Research Tools & Dissertation: Pilot study and review of sampling

**Credit: 01**

**Maximum Marks: 25**

**Internal: 25**

#### Objectives:

1. To motivate students for Development of Research Tools.
2. To motivate students for Pilot study and review of sampling.

#### Procedure:

- Take One day Orientation sessions for Development of Research Tools and review of sampling.

- The Evaluation Structure is as follows:

Sr. No.	Particular	Marks
01	Planning for Development of Research Tools	05
02	Use of ICT for Development of Research Tools	05
03	Content and selection of Research Tools	05
04	Pilot study or Standardization of Research Tools	05
05	Selection of sampling methods & Procedure of sampling	05
<b>TOTAL MARKS</b>		<b>25</b>

## M. Ed. Second Year

### Semester III

#### Enhancement of Professional Capacities and Internal semester Break

#### CourseC-07: Academic Writing

Credits: 01

Maximum Marks: 25

Internal: 25

#### Objective:

1. To motivate students for Academic Writing.

#### Procedure:

- Take Two day workshop on Academic Writing.
- **In workshop:**
- To help students for understand the conceptual information about Academic Writing. (Concept, Components, Different type of writing, writing styles etc.)
- Arranged activities for students to develop the Academic Writing.
- Motivate students to complete project on Academic Writing.
- Focus on the:
  2. Story Writing
  3. Script writing
  4. Various letter writing
  5. Essay writing
  6. Research paper writing
  7. Critical analysis of book writing
  8. Use of library for different academic writing
- **PowerPoint Presentation (PPT) is compulsory to present the information in workshop for Professors.**
  - The Evaluation Structure is as follows:

Sr. No.	Particular	Marks
01	Knowledge of Academic Writing	05
02	Project work	05
03	Workshop Report Writing	05
04	Examination	10
<b>TOTAL MARKS</b>		<b>25</b>



**PUNYASHLOKAHILLYADEVIHOLKAR**  
**SOLAPURUNIVERSITY,**  
**SOLAPUR**

**C - 08**  
**SKILL ORIENTED COURSE FOR**  
**M.Ed. PROGRAMME**  
**(SEMESTER - III)**

INTRODUCED FROM  
THE ACADEMIC YEAR

2021-22



**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**SKILL ORIENTED COURSE FOR M.Ed. W.E.F. 2021-22**

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**O. Ed.:**

- The regular fulltime Skill Oriented Course is of twelve week duration.
- The Skill Oriented course has been framed so as to satisfy the essential compliances of **National Education Policy (NEP): 2020 and University Grants Commission (UGC) notification**. It also has added features making the course relevant to global demands, and socio-cultural needs.
- The university has adopted Choice Based Credit System (CBCS) and grading system.
- The Skill Oriented course curriculum is of 100 marks, 60 periods of work (assuming period of 60 minute), and 04 credit points.

**The General Objectives of Skill Oriented Course are:**

1. To increase the life coping skills and employment worthiness of the student teachers.
2. Increasing the competitiveness of future teacher Educators.
3. Closing the gap between skill required by the Higher Education Institutions and skills people possess for employment generation.
4. To prepare Skillful teacher Educators, administrators and supervisors for staffing of the Higher Education Institution.
5. To prepare professional personnel required for staffing of the Higher Education Institution.

**O. Ed.: STANDARD OF PASSING**

- 1) To pass the Skill Oriented course examination, a candidate must obtain at least 50% marks in MCQ theory paper.
- 2) A candidate must obtain at least 50% marks in Activities or practicals.
- 3) A candidate must obtain at least 50% marks in Viva-voce. And 50% in the aggregate of all the MCQ theory paper, Activities or practicals and Viva-voce. Such a candidate shall be declared to have passed the examination.

- 20 Marks for Internal Assessment means MCQ Theory paper. (Skill Oriented Course)
- 80 Marks for Internal Assessment of Skill Oriented course by College Assessment in which 70 Marks are for Activities or practicals and 10 Marks are for Viva-voce mention in the syllabus.

## CREDIT AND GRADING SYSTEM

### Award of Grade:

- (a) A student shall pass the course if he/she gets any grade in the range from "O" to "C".
- (b) The student has to secure a minimum 4.0 Grade Points (Grade C) in Skill Oriented course. A student who secures less than 4.0 points will be declared Failed in Skill Oriented course.

- **Conversion of Skill Oriented Course marks into Grades:**

**10-Pointscalefor courseshaving passing criterion of 50%**

**Table A**

<b>Sr. No.</b>	<b>Range of Marks</b>	<b>Grade</b>	<b>Grade Point</b>
1	80-100	O:Outstanding/Excellent	10
2	75-79	A+:Very Good	09
3	70-74	A:Good	08
4	65-69	B+:Above Average	07
5	60-64	B:Average	06
6	55-59	C+:Satisfactory	05
7	50-54	C:Pass	04
8	00-49	F:Fail	00

**Note: The Student shall appear any one course of the following four skill oriented courses.**

- 1. Ethics and Behaviour of Innovative Teacher**
- 2. Entrepreneurship and Education**
- 3. School Counseling and Treatment**
- 4. Statistical Analysis in Social Sciences Research**

**PUNYASHLOKAHILYADEVIHOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**Skill Oriented Course w. e. f. 2021 - 22**

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**Title of the Course: Ethics and Behaviour of Innovative Teacher**

- Eligibility of the course : M.Ed. – Semester- III
  - Total credit of the course : 04 Credit
  - Total marks of the course : 100 Marks
  - Weightage to practical work (marks) : 80 Marks
  - Weightage to Theory work (marks) : 20 Marks
  - Duration of the course : 12 Weeks (60 Hours)
- 

**Aim of the course:** To develop and improve ethics and behavioural techniques and skills commitment towards teacher profession.

**Learning Outcomes:** After successful completion of this course, the students will be able to:

- 1) Understand the concept of ethics, ethical teacher and innovative teacher.
  - 2) Understand the code of ethics for teacher and with the related other factors.
  - 3) Study of life skills and values for improvement in teacher behaviour.
  - 4) Acquire the techniques for Ethical commitment towards teacher profession.
  - 5) Prepare and activity done from given techniques for ethical commitment towards teacher profession.
  - 6) Understand the concept and use of virtual classroom.
  - 7) Actively participation in role playing, self presentation activities.
  - 8) Study the learning Strategies for innovation in education.
  - 9) Understand the use of multimedia learning process and other activity for innovation.
  - 10) Study activities for ethics and behaviour of innovative teacher.
- 

**Course Content:**

**Module 01: Concept of Ethical Teacher and Innovative Teacher**

- Concept of ethics
- Concept of ethical teacher and innovative teacher
- Code of ethics for teacher- code for teacher, teacher and student, teacher and colleagues, teacher and authorities, teacher and non teaching staff, teacher and Guardians, teacher and Society.
- Study of life skills and values.

**Module 02: Ethical Learning Environment in the Classroom**

**1] Techniques for Ethical commitment towards teacher profession-**

- Highlighting to self
- case study of a student
- reaction activity

- discussion on real life experience
- problem solving discussion and action
- story telling

### Module 03: Role of Innovative Teacher

- 1] Use of virtual classroom
- 2] Learning strategies for innovation-
  - Crossover learning
  - Analysis of student emotions
  - Incidental learning
- 3] Role playing activity
- 4] Self presentation for leadership development

### Module 04: Activities for Ethics and Behaviour of Innovative Teacher

- Importance of self introduction activity
- Daily School paripath
- Anchoring of the programme
- Textbook analysis for to find out values, ethics, events and life skills.
- Freedom to student for activity

### Course Lay out

Week	Content	Place	Hours
Week 01	1] Concept of ethics 2] Concept of ethical teacher and innovative teacher	Classroom	05
Week 02	3] Code of ethics for teacher- code for teacher, teacher and student, teacher and colleagues, teacher and authorities, teacher and non teaching staff, teacher & Guardians, teacher and Society 4] Study of life skills and values.	Classroom	05
Week 03	<b>1] Techniques for Ethical commitment towards teacher profession</b> 1] Highlighting to self 2] Case study of a student	-Classroom - In School	05
Week 04	3] Reaction activity 4] Discussion on real life experience	classroom	05
Week 05	5] Problem solving discussion and action 6] Story telling	Classroom & school	05
Week 06	<b>ROLE OF INNOVATIVE TEACHER</b> 1] Use of virtual classroom	-school -society	05
Week 07	<b>2] learning Strategies for innovation-</b> a] crossover learning b] analysis of student emotions c] incidental learning	Classroom/ visit	05
Week 08	3] role playing activity	-school /	05

	4] self presentation for leadership development	classroom	
Week 09	<b>:ACTIVITIES FOR ETHICS AND BEHAVIOUR OF INNOVATIVE TEACHER</b> 1] Importance of self introduction activity 2] Daily School paripath	-classroom - School	05
Week 10	3] anchoring of the programme 4] textbook analysis for to find out values, Ethics, events and life skills	- classroom/ school	05
Week 11	5] freedom to student for activity	classroom/ school	05
Week 12	<ul style="list-style-type: none"> <li>• Evaluation Process includes:</li> <li>1. Practical Activity</li> <li>2. Viva Voce</li> </ul>	classroom	05
	<ul style="list-style-type: none"> <li>• Theory Test or exam</li> </ul>	Classroom	

### Evaluation system or process of the course:

Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course	20
02	Practical Activity evaluation	<b>Any two</b> 1] highlighting to self 2] case study of a student 3 ] reaction activity	20
03	Practical Activity evaluation	<b>Any Two</b> 4] discussion on real life experience 5] problem solving discussion and action 6] story telling	20
04	Practical Activity evaluation	<b>Any One</b> a] crossover learning b] analysis of student emotions c] incidental learning	10
05	Practical Activity evaluation	<b>Any Two</b> 1] self introduction activity 2] anchoring of the programme-demo 3] presentation of textbook analysis for to find out values, ethics, events and life skills 4] freedom base student activity	20
04	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

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## Skill Oriented Course Developed by:

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**PUNYASHLOKAHILYADEVIHOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**Skill Oriented Course w.e.f. 2021 - 22**

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**Title of the Course: Entrepreneurship and Education**

- Eligibility of the course : **M.Ed. Semester - III**
  - Total credit of the course : **04 Credits**
  - Total marks of the course : **100 Marks**
  - Weightage to practical work (marks) : **80 Marks**
  - Weightage to Theory work (marks) : **20 Marks**
  - Duration of the course : **12 weeks ( 60 Hours)**
- 

**Aim of the course:** To develop the entrepreneurship skills and be a successful entrepreneur in the field of education.

**Learning Outcomes:** After successful completion of this course, the students will be able to:

1. Clarify the concept, objectives and types of entrepreneurship.
  2. Understand the process of entrepreneurship development.
  3. Study the characteristics and functions of entrepreneur.
  4. Know how to prepare portfolio and the process of SWOT analysis.
  5. Develop Entrepreneurship Skills.
  6. Acquaint the essentials of business enterprise, planning, production and marketing.
  7. Analyze the concept, skills and areas of entrepreneurship in education.
  8. Plan and execute hands-on experience in coaching class, training institute, academy, vocational courses etc.
  9. Elaborate different policies or schemes of state and Central Government for Entrepreneurship in Education.
  10. Prepare and submit a proposal for the grant or seed money for the entrepreneurship in education.
- 

**Course Content:**

**Module 1- Entrepreneurship and Entrepreneur**

- Concept and Objectives of entrepreneurship
- Types of entrepreneurship
- Process of entrepreneurship development
- Characteristics and functions of entrepreneur

**Module 2- Entrepreneurship Skills and Business Planning**

- Entrepreneurship Skills
- Portfolio, SWOT Analysis

- Essentials of business enterprise
- Business Planning - Marketing, Financial, Organization

### **Module 3 - Entrepreneurship in Education**

- Concept of entrepreneurship in education
- Entrepreneurship Skills in education
- Different areas of entrepreneurship in education
- Coaching class, Training Institute, Academy, Vocational courses

### **Module 4 - Policies and Funds for Entrepreneurship in Education**

- Different policies and schemes of state and Central Government for Entrepreneurship in Education
- Recent Trends in Entrepreneurship development – Start up India, Stand up India
- Role of Non-government Organizations for Entrepreneurship in Education
- Funds and Seed money for Entrepreneurship in Education

**List of Activities:** Following activities should be conducted by teacher educator for implementation of the skill oriented course.

<b>Sr. No.</b>	<b>Activities</b>
01	Conduct an Interview of a successful entrepreneur in educational field.
02	Survey of educational entrepreneurships in your area.
03	Visit to any one industry of educational materials or objects in your area.
04	Organization of an internship programme for two weeks in Coaching class or Training Institute or Academy or Vocational courses centers.
05	Organize any one online or offline short term programme of one week on skill-based topic for B.Ed. student-teachers.
06	Prepare and submit a proposal for funds or seed money for Entrepreneurship in Education
07	Organize a job or employment fair in educational field through government or non-government agencies.
08	Organize World Youth Skills day at college level.
09	Organize any one competitive examination for B.Ed. student-teachers in all colleges of education affiliated to PAHSU, Solapur.
10	Visit to District Skill Development, Employment Guidance, Centre.
11	Production and marketing of different types of teaching aids or useful objects in the field of education.
12	Organization of an exhibition and sale of useful materials or objects in educational field produced by student-teacher.

**\* Teacher educator also may conduct different activities as per availability. This list is just for reference.**



## Course Lay out

<b>Week</b>	<b>Content</b>	<b>Place</b>	<b>Hours</b>
Week 01	<ul style="list-style-type: none"> <li>● Concept of entrepreneurship</li> <li>● Objectives of entrepreneurship</li> </ul>	Classroom	05
Week 02	<ul style="list-style-type: none"> <li>● Types of entrepreneurship</li> <li>● Process of entrepreneurship development</li> </ul>	Classroom	05
Week 03	<ul style="list-style-type: none"> <li>● Characteristics and functions of entrepreneur</li> <li>● Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom College/ Field study	05
Week 04	<ul style="list-style-type: none"> <li>● Entrepreneurship Skills</li> <li>● Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom College/ Field study	05
Week 05	<ul style="list-style-type: none"> <li>● Portfolio, SWOT Analysis</li> <li>● Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom College/ Field study	05
Week 06	<ul style="list-style-type: none"> <li>● Essentials of business enterprise</li> <li>● Business Planning - Marketing, Financial, Organization</li> <li>● Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom  College/ Field study	05
Week 07	<ul style="list-style-type: none"> <li>● Concept of entrepreneurship in education</li> <li>● Entrepreneurial opportunities in education</li> <li>● Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom College/ Field study	05
Week 08	<ul style="list-style-type: none"> <li>● Different areas of entrepreneurship in education</li> <li>● Coaching class, Training Institute, Academy, Vocational courses</li> <li>● Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom College/ Field study	05
Week 09	<ul style="list-style-type: none"> <li>● Different policies and schemes of state and Central Government for Entrepreneurship in Education</li> <li>● Recent Trends in Entrepreneurship development – Start up India, Stand up India</li> <li>● Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom  College/ Field study	05

Week 10	<ul style="list-style-type: none"> <li>• Role of Non-government Organizations for Entrepreneurship in Education</li> <li>• Funds and Seed money for Entrepreneurship in Education</li> <li>• Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom  College/ Field study	05
Week 11	<ul style="list-style-type: none"> <li>• Practice and revision under the supervision of teacher educator.</li> <li>• Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom College/ Field study	05
Week 12	<ul style="list-style-type: none"> <li>• Evaluation Process includes: 3. Submission of reports of concerned activities 4. Viva Voce</li> </ul>	College	05
	<ul style="list-style-type: none"> <li>• Theory Test or exam</li> </ul>	College	

### Evaluation system or process of the course:

Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course	20
02	Practical Activity evaluation	Any seven activities	70
03	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

### References:

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### *Skill Oriented Course Developed by:*

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**PUNYASHLOKAHILYADEVIHOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**Skill Oriented Course w.e.f. 2021 - 22**

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**Title of the Course: School counseling and Treatment**

• Eligibility of the course	: M.Ed. Sem - III
• Total credit of the course	: 04 Credit
• Total marks of the course	: 100 Marks
• Weightage to practical work (marks)	: 80 Marks
• Weightage to Theory work (marks)	: 20 Marks
• Duration of the course	: 12 weeks( 60 Hours )

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**Aim of the course:** To develop the skillful and Enrich School Counseling

**Learning Outcomes:** After successful completion of this course, the students will be able to:

- 1) Explain the concept of School Counseling.
  - 2) Justify the Difference between Educational and Vocational Counseling.
  - 3) Clarify the Characteristics of a Good Counselor.
  - 4) Elaborate Types or classification of Psychological Tests for School Counseling.
  - 5) Justify Validation and reliability of counseling tests.
  - 6) Elaborate Role of Teacher in Counseling.
  - 7) Administrated non-verbal and performance psychological tests for School Counseling
  - 8) Prepare the psychological test report in Counseling.
  - 9) Justify about proper Treatment for Depression, Anxiety and phobia of student.
  - 10) Develop the skills essential for School Counseling.
- 

**Course Content:**

**Module 01: Introduction of School Counseling**

- Meaning .Need and scope of School Counseling
- Role of Teacher, Parents and friends in students Life.
- Principles of School Counseling, steps of Counseling Characteristics Counselor.
- Role of Counselor in preventing illness and promoting positive health.

**Module 02: Understanding the counseling process**

- Counseling for career planning and decision making
- Individual and group techniques in Counseling
- Interview: Pre Counseling and Counseling
- Educational and vocational counseling

### Module 03: Tests and Experiment for School Counseling

- Importance and Nature of Tests in school counseling
- Different Tests in Counseling: Creativity, intelligence and Aptitude
- Significance Nature and Objectives of Experiments in Counseling
- Appropriate Experiment in counseling: Psychotherapy and Fatigue, Attention

### Module 04: Treatment for Counseling

- Educational Counseling for school students and parents
- Counseling for stress management and exam preparation of students
- Proper treatment for Depression, Anxiety and Phobia of students
- Child protection and child Rights Counseling
- Feedback after School Counseling and Treatment.

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**List of Activities:** Following activities are used by teacher educator for implementation of the skill oriented course.

Sr. No.	Activities / Particular
01	Conduct an Interview of a successful counselor in educational field
02	Conduct the group discussion session for learning disabled student counseling plan
03	Visit to any one local Counseling centre
04	The case study of any one special need children/student
05	Creating a cumulative record of a student for counseling
06	Sharing of self experiences related to educational Anxiety of the students and prepared and present the power point presentation in the group.
07	Collect information about school counseling activities for students in classroom and write report.
08	A Critical study of any one school counseling centre and make a report.
09	Prepare a list of skills essential for a good school counselor and write a report in detail
10	Administrate the Alexander Pass along Test: Intelligence and write the report.
11	Administrate the Whipple's Cards: Imagination test and write the report.
12	Conduct the psychological Experiment of fatigue and write the details report of experiment
13	Conduct the psychological Experiment of Attention and write the details report of experiment
14	Conduct the test of Adjustment and write the details report of experiment
15	Conduct the test of Aptitude and write the details report of experiment
16	Prepare a list of Individual and group counseling activities and write a report in detail
17	Collect information about Counseling abused children - Victims of physical, verbal and sexual abuse and write the report
18	Prepare the report of Counseling children with health maladjustment - common health complaints, psycho somatic etc.

**\* Teacher educator also may be uses different activities. This list is just for reference.**

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## Course Lay out

Week	Content	Place	Hours
Week 01	<ul style="list-style-type: none"> <li>• Meaning Need and scope of School Counseling</li> <li>• Role of Teacher, Parents and friends in students life</li> <li>• Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom	05
Week 02	<ul style="list-style-type: none"> <li>• Principles of school Counseling, Steps of Counseling; Characteristics of Counselor</li> <li>• Role of Counselor in preventing illness</li> <li>• Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom	05
Week 03	<ul style="list-style-type: none"> <li>• Counseling for career planning and decision making</li> <li>• individual and group techniques in Counseling</li> <li>• Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom	05
Week 04	<ul style="list-style-type: none"> <li>• Interview Pre-Counseling and Counseling</li> <li>• Educational and Vocational Counseling</li> <li>• Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom Educational Psychology Laboratory	05
Week 05	<ul style="list-style-type: none"> <li>• Importance and Nature of Tests in school Counseling</li> <li>• Different Tests in Counseling: Creativity, Intelligence and Aptitude Test</li> <li>• Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom Laboratory	05
Week 06	<ul style="list-style-type: none"> <li>• Significance Nature and Objective of Experiments in Counseling</li> <li>• Appropriate Experiment in Counseling: Learned Helplessness, Magical Number Seven</li> <li>• Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom  Laboratory	05
Week 07	<ul style="list-style-type: none"> <li>• Educational Counseling for School Students and Parents Counseling for stress Management and Exam Preparation of students</li> </ul>	Classroom	05
Week 08	<ul style="list-style-type: none"> <li>• Proper treatment for Depression, Anxiety and Phobia of students</li> <li>• Child Protection and child Rights Counseling</li> <li>• Feedback after School Counseling &amp; Treatment</li> <li>• Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Classroom  Professional Counseling Center	05
Week 09	<ul style="list-style-type: none"> <li>• <b>Demonstration by Teacher Educator</b></li> <li>• Actual Administration of Test</li> </ul>	Educational Psychology	05

	<ul style="list-style-type: none"> <li>• Assessment of Test</li> <li>• Preparation of report Test</li> <li>• Feedback Demonstration of Test</li> </ul>	Laboratory	
Week 10	<ul style="list-style-type: none"> <li>• <b>Demonstration by Teacher Educator</b></li> <li>• Actual Administration Experiments</li> <li>• Assessment of Experiments</li> <li>• Preparation of report Experiments</li> <li>• Feedback Demonstration of Experiments</li> </ul>	Educational Psychology Laboratory	05
Week 11	<ul style="list-style-type: none"> <li>• To conduct the Interview schedule of School students about their problems under the supervision of teacher educator</li> <li>• Presentation of activities about School Counseling from students</li> <li>• Any relevant Activity ( Planning, Execution, Feedback, Report )</li> </ul>	Educational Psychology Laboratory	05
Week 12	<ul style="list-style-type: none"> <li>• Evaluation Process includes:               <ol style="list-style-type: none"> <li>1. Practical Activity</li> <li>2. Viva Voce</li> </ol> </li> </ul>	Laboratory Classroom	05
	<ul style="list-style-type: none"> <li>• Theory Test or exam</li> </ul>	Classroom	

### Evaluation system or process of the course:

Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course	20
02	Practical Activity evaluation	Test & Experiment Administration and report writing (One test & One Experiment)	20
03	Practical Activity evaluation	Any five Activities	50
04	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

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- Saraswat, R.K. and Gaur, J.S. (1994) Manual for Guidance Counseling, New Delhi.
- Cappuzzi, D, & Gross, D.R. (2008) Counseling and Psychotherapy, New Delhi, Pearson Prentice hall
- Dandekar, W.N. (1970) Fundamental of Experimental Psychology, 3rd ed. MoghePrakshan, Kolhapur.
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- [www.google.com](http://www.google.com)
- <http://perpus.univpancasila.ac.id/repository/EBUPT181396.pdf>
- <http://egyankosh.ac.in/bitstream/123456789/21246/1/Unit-1.pdf>
- <https://www.apa.org/about/policy/guidelines-psychological-assessment-evaluation.pdf>

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**PUNYASHLOKAHILYADEVVIHOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

*Skill Oriented Course w. e. f. 2021 - 22*

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**Title of the Course: Statistical Analysis in Social Sciences Research**

- Eligibility of the course : **M. Ed -Semester III**
  - Total credit of the course : **04 Credit**
  - Total marks of the course : **100 Marks**
  - Weight-age to Practical work (Marks) : **80 Marks**
  - Weight-age to Theory work (Marks) : **20 Marks**
  - Duration of the course : **12 Weeks (60 Hours)**
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**Aim of the course:** To develop the necessary Skills required for selection and implementation of Statistical tools and techniques for the data analysis in Research.

**Learning Outcomes:** On successful completion of the course, the Students will be able to:

1. Explain the Concept & Meaning of Statistics, Types of Statistics, and Types of Data
  2. Explain the Use of different statistical measures such as measures of Central Tendency – Mean, Median, Mode, the Percentile and Percentile Rank, Measures of Dispersion - S.D., Q.D, Co-rrrelation and Co-rrreation Co-efficient- Spearman’s, Pearson’s, Average Co-relation – Fisher’s Z in research data analysis in different situations.
  3. Explain the advanced Statistical concepts required prior to Data Analysis such as Degree of Freedom, Level of Significance, Hypothesis – Null, Directional, and Types of Variables.
  4. Illustrate the types of Tests and their uses in statistical analysis. Parametric, Non Parametric, Hypothesis testing using t-test, Z-test [Critical Ratio], Chi-Square test, ANOVA [F-test]
  5. Explain the concept of Validity and Reliability of Research Tools and Standardization Procedures [ Co-relation, Cronbach’s alpha, Spearman-Brown Corrections, Kappa Values etc.] And Methods of determining Reliability viz. Test-Re-test, Split Halves, Internal Consistency and inter rater and also methods of determining Validity viz. Construct, Content, Criterion
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**Course Content:**

**Module01: Basic Foundation of Statistical Analysis**

- Concept & Meaning of Statistics
- Types of Statistics
- Types of Data
- Measures of Central Tendency – Mean, Median, Mode
- Percentile and Percentile Rank
- Measures of Dispersion - S.D.,Q.D
- Co-rrrelation and Co-rrreation Co-efficient
- Spearmen, Pearson’s, Average Co-relation – Fisher’s Z

## Module 02: Basics of Statistical Analysis

- Advanced Statistical concepts required for Data Analysis
- Degree of Freedom
- Level of Significance
- Hypothesis : Null ,Directional
- Types of Variables

## Module 03: Types of Statistical Tests and their Implications

- Types of Tests:
  - Parametric
  - Non Parametric
- Hypothesis testing:
  - t-test
  - Z-test [Critical Ratio]
  - Chi-Square test
  - ANOVA [F-test]

## Module 04: Standardization of Research Tools

- Validity and Reliability of Research Tools
  - [Co-relation, Cronbach's alpha, Spearman-Brown Corrections, Kappa Values etc.]
- **Reliability**
  - Test-Re-test
  - Split Halves
  - Internal Consistency
- **Validity**
  - Construct
  - Content
  - Criterion

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**List of Activities:** Following activities should be conducted by teacher educator for implementation of the skill oriented course.

Sr. No.	Activities / Particular
01	Measures of Central Tendency- Mean, Median, Mode.
02	Measures of Percentile and Percentile Rank
03	Measures of Dispersion - S.D.,Q.D
04	Measures of correlation and correlation Coefficient
05	Use of Parametric Tests
06	Use of Non-Parametric Tests
07	Hypothesis testing using t-test, Z-test, Chi-square test and F- test
08	Measures of Reliability of Research Tools

09	Measures of Validity of Research Tools
10	Application of different statistical Tools

\* Teacher educator also may conduct different activities as per availability. This list is just for reference.

### COURSE PLAN

Week	Content	Place	Hours
Week 01	<ul style="list-style-type: none"> <li>• Concept &amp; Meaning of Statistics</li> <li>• Types of Statistics</li> <li>• Types of Data</li> <li>• Measures of Central Tendency – Mean, Median, Mode</li> </ul>	Classroom	05
Week 02	<ul style="list-style-type: none"> <li>• Percentile and Percentile Rank</li> <li>• Measures of Dispersion - S.D.,Q.D.</li> <li>• Co-rrrelation and Co-rrreation Co-efficient</li> <li>• Spearman’s, Pearson’s , Average Co-relation – Fisher’s Z</li> </ul>	Classroom	05
Week 03	<ul style="list-style-type: none"> <li>• Advanced Statistical concepts required for Data Analysis</li> <li>• Degree of Freedom</li> <li>• Level of Significance</li> <li>• Hypothesis : Null ,Directional</li> <li>• Types of Variables</li> </ul>	Classroom	05
Week 04	<ul style="list-style-type: none"> <li>• Types of Tests</li> <li>➤ Parametric</li> <li>➤ Non Parametric</li> </ul>	Classroom	05
Week 05	<ul style="list-style-type: none"> <li>• Hypothesis testing :</li> <li>➤ t-test</li> <li>➤ Z-test [Critical Ratio]</li> <li>• Chi-Square test ,ANOVA [F-test]</li> </ul>		05
Week 06	<ul style="list-style-type: none"> <li>• Validity and Reliability of Research Tools</li> <li>➤ [ Co-relation, Cronbach’s alpha, Spearman-Brown Corrections, Kappa Values etc.]</li> </ul>	Classroom	05
Week 07	<ul style="list-style-type: none"> <li>• <b>Reliability</b></li> <li>➤ Test-Re-test</li> <li>➤ Split Halves</li> <li>➤ Internal Consistency</li> </ul>	Classroom	05
Week 08	<ul style="list-style-type: none"> <li>• <b>Validity</b></li> <li>➤ Construct</li> <li>➤ Content</li> <li>➤ Criterion</li> </ul>	Classroom	05

Week 09-11	<ul style="list-style-type: none"> <li>• Selection, application and use of different Statistical tools and techniques for carrying out Statistical analysis in different research scenarios and quest for research findings.</li> </ul>	Hands on Activities Work-Book	10
Week 12	Evaluation: <ul style="list-style-type: none"> <li>• Practical Activity</li> <li>• Viva Voce</li> <li>• Theory Examination [ MCQ }</li> </ul>	Classroom	10

### Evaluation system or process of the course:

Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course [5 questions on each unit]	20
02	Practical Activity evaluation	Analysis and Interpretation of data using different statistical tests in different research scenarios.	50
03	Practical Activity evaluation	Student will be given a research problem and one of the objectives with the desired input data. The student has to select & use proper Statistical tool for analysis of data so as to conclude with the interpretation of the results and the findings.	20
04	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

### References:

1. Garrett H.E. (1973), Statistics in Psychology and Education, Vakils,Feffer and Simons Private Ltd.,Bombay
2. Du Toit, S. H. C., Steyn, A. G. W. and Stumpf, R. H. (1986). Graphical Exploratory Data AnalysisSpringer-Verlag, New York.
3. Nelson, W. (1982). Applied Life Data Analysis. John Wiley & Sons, New York. Ramsey, P. P. and 4. Ramsey, P. H. (1990). Simple tests of normality in small samples. Journal of Quality Technology,22, 299 – 309.
5. Redmond, W. A. (1999). Microsoft Excel 2000, Microsoft Press.
6. Sturges, H. A. (1926). The choice of a class interval. Journal of the American StatisticalAssociation, 21, 65 – 66.
7. Tufte, E. R. (2001). The Visual Display of Quantitative Information, 2nd ed. Grapic Press.
8. Turkey, J. W. (1977). Exploratory Data Analysis, Addison-Wesley, Reading, Mass. Walker, H. W. (1040). Degrees of freedom. Journal of Educational Psychology, 31, 253 – 2

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# M. Ed. Second Year

## Semester IV

### CourseD-01: Psychological Foundation of Education

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

#### **Objectives:**

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

1. Orient the students with theoretical contributions of psychology in relation to Motivation, Group Dynamics.
2. Enable the students to understand the conceptual background of Schools of Psychology.
3. Help the students to develop insights into educational implications of these concepts and principles.

#### **Course Content**

##### **Unit I Schools of Psychology**

- A historical view of different schools of psychology with specific reference to changing role of teacher and students:
  - a. Vedic school
  - b. Behaviorist school
  - c. Gestalt theories
  - d. Cognitive theories
  - e. Humanistic school

##### **Unit II Motivation**

- a) Motivation: Its meaning and importance.
- b) Implications of theories of motivation in the context of learning and instruction.
- c) Factors related to motivation such as: a. Information b. Social Factors c. Emotional Factors
- d. Family Influence e. Classroom Ethos

##### **Unit III Individual Differences**

- a) Concept of Individual differences
- b) Role of Heredity and Environment in individual differences
- c) Extent of individual differences and its measurement
- d) Importance considering individual differences.
- e) Implication of individual differences for organizing educational programmes.
- f) Classroom instruction
- g) Exceptional children : Gifted, Slow learner, disabled

##### **Unit IV Group Dynamics in Instructional Setting**

- a) Group: Its definition; types of groups with illustration
- b) Meaning of Group Dynamics, Group Properties and Group Characteristics
- c) Group Processes: Interaction, structure, cohesiveness, common motives and goals, standardization of behavior or norms.
- d) Class room as a group
- e) Different Techniques to study groups Observation
- f) Sociometric Techniques, Questionnaires, Cumulative Records, Group conflicts and problem solving.

### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

The students may undertake **any Two** of the following activities:(05 Marks Each)

- Case study of any one Exceptional Children
- Study of group dynamics of any group by using any technique
- Writing of article on different issues of students motivation
- Survey of Individual differences of students and write a report on it

#### **References**

- Bany, M. and Johnson, L. (1964). *Classroom Group Behaviour* : Group Dynamics in Education.
- Bigge, M.L. (1982). *Learning theories for teachers* (4th Ed.). New York : Harper and Row Publications.
- Dandapani, S. (2001). *A Textbook of Advanced Educational Psychology* (2nd Ed.). New Delhi: Anmol Publications Private Limited.
- Dougall, W. (2004). *A Textbook of Psychology* (4th Ed.). New Delhi : Discovery Publishing House.
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- Lipman, M. (2003). *Thinking in Education*. (2nd Ed.). New York : Cambridge University Press.
- Mangal, S.K. (1964). *Psychological Foundations of Education*. Ludhiana : Prakash Publishers.
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- Mani, R.S. (2007). *Cognitive Development Theory of Jean Piaget in Wholistic Perspective*. Recent Researches in Education and Psychology, (I-II), (9-16). Chandigarh.
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- Mehta, P. (1989). *Understanding Classroom Behaviour* : A Manual, NCERT.
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- Papalia, D.E. and Sally, W. (1978). *Human Development*. MacGraw Hill Publishing Company.
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- Soary, J. and Teleford, C. (1964). *Dynamics of Mental Health, the Psychology of Adjustment*. Boston : Allyn and Bacon Inc.
- Spinthal, N. and Spinthal, R.C. (1990). *Educational Psychology* (5th Ed.) MacGraw Hill Publishing Company.

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Educational Management and Planning**  
**CourseD-02**

**I: Educational Planning**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives**

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

1. Identify the need, scope and purpose of educational planning in terms of national and community needs,
2. Develop the skills in planning and using a variety of administrative strategies,
3. Explain the role and contribution of different agencies/ contribution in educational planning,
4. To help them determine and implement objectives of planning on the basis of individual needs of the students.

**Course Content**

**Unit I- Concept, Need and Process of Educational Planning**

- a) Concept and nature of Educational Planning.
- b) Need and importance of Educational Planning.
- c) Types of Educational Planning; Process of District level planning including Micro level planning exercise; Institutional planning.

**Unit II- Principles and Techniques of Educational Planning**

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

**Unit III- Planning Mechanisms**

- a) Perspective planning at central, state and local levels: concepts of macro and micro planning.
- b) Priorities to be given at central and state levels.
- c) District level planning: recent initiatives in planning at district level.
- d) Institutional structures and functions: NUEPA, SIEMATs, SCERTs and DIETs.

**Unit IV- Five year Plan in education & Planning Machineries**

- a) Beginning of Five year plans-its historical background.
- b) Main features of five year plans with special reference to education.
- c) Impact of five year plans on education.
- d) Five year plans-merits and demerits.
- e) Central, State, District, Institutional Planning

**Transactional Mode**

The course would be transacted through participatory approach including group discussion; self study, seminar/presentations by students etc.



### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

### **(10 Marks)**

- The students may undertake **any two** of the following activities(**05 Marks Each**)
- A study of the functioning contribution of a VEC/SMC/PTA.
- Study of conflict resolution studies adopted by Heads in two schools.
- Panel discussion on corporate punishment in schools.
- Prepare a plan for the mobilization of different types of resources form the community.
- Case studies of School Education Act of state high results at the secondarylevels.

### **Essential Readings**

- Bell & Bell (2006): *Education, Policy and Social Class*. Routledge.
- Bottery Mike (ed.) (1992): *Education, Policy & Ethics*. Continuum, London.
- Naik, J.P. (1965): *Educational Planning in India*. New Delhi: Allied.
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### **References**

- Ayyar, R.V. Vaidyanathan (1993). *Educational Planning and Administration in India: Retrospect and Prospect*. Journal of Educational Planning and Administration. VII (2). April.
- Blaug, Mark (1972): *An Introduction to Economics of Education*. Allen Lane the Penguin, London.
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- Livack, Jennie, Ahmed, Junaid and Bird, Richard (1998): *Rethinking Decentralization in Developing Countries*. Washington, D.C. World Bank.
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- Narayan, D. (2005): Local Governance without Capacity Building: Ten Years of Panchayat Raj. *Economic and Political Weekly*, June 25, pp. 2822-32.
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- Tilak, J.B.G. (1992). *Educational Planning at Grassroots*. Ashish Publications. New Delhi.
- UNESCO: Institute for Statistics (2001). *Education Indicators: Technical Guidelines*. Montreal: Canada.

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Educational Management and Planning**  
**CourseD-02**

**II: Educational Management**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. To develop an insight into the perspectives of Management theories and Practices in Education,
2. To study Educational Management system and functions in India with specific reference to National, State, District and Village level administration of education,
3. To recognize the importance of Educational Resources and their effective management for quality education,
4. To understand the issues and challenges in Planning and Administration of Education in India,
5. To identify the trends and needed areas for research in Educational Management.

**Course Content**

**Unit I-Organizational Structure**

- a) Basic Concepts and Types of Organizational Structure.
- b) Leadership and its importance for organizational development
- c) School as a Social Organization.
- d) School effectiveness and Total Quality Management
- e) Learning Organizations
- f) School improvement and Reforms

**Unit II-Performance Management System in School**

- a) Components of Performance Management in Schools.
- b) Monitoring School Performance.
- c) Performance Appraisal of Teachers.
- d) Scientific Principles of management-PERT, CPM, PPBS system approach; legal, financial and administrative management of educational institutions.

**Unit III- Resource Management**

- a) Nature and characteristics of Resource in Education.
- b) Need for Resource Management in Education.
- c) Material Resources, Human Resource, Financial Resource, Identification Resources, Procurement of Resources
- d) Utilization and Maintenance of Resources
- e) Evaluation.
- f) Role of State, Central and Local Governments in Resource
- g) Quality Assurance in Material and human Resources
- h) Financial Planning and control in schools.

**Unit IV: Management Skills**

- a) **Meeting skills:** Why of meetings, Delegating responsibility, Prepare for and organize meetings, Chairing and minuting, Following-up, interaction

- b) **Time Management:** Planning, Dealing with stress, Systems for time Management.
- c) **Presentation Skills:** Planning Delivery use of media, External representation of organization
- d) **Team Building:** Working under pressure, Working with people, Negotiating, Team processes (storm, norm, etc.), Taking responsibility, Handling conflict

### **Transactional Mode**

The course would be transacted through participatory approach including group discussion; self study, seminar/presentations by students etc.

### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

- The students may undertake **any Two** of the following activities:(**05 Marks Each**)
- Critical Analysis of school education Act of a State.
- Preparation of questionnaire for micro-level educational survey.
- Preparation of interview schedule for micro- level educational survey.
- Formulation of a school mapping exercise for location of schools in an identified area.
- Preparation of plan for instructional management in a secondary school.
- Preparation of an institutional plan.
- Critical of an educational project.
- Evaluation of management of DPEP activities in a district.

### **Essential Readings**

- Bhagia, N.M. (1990): *Educational Administration in India and other developing countries*. Commonwealth Publishers, New Delhi
- Luthens, Fred. (1981), *Organizational Behavior*, Mcgraw Hill, Tokyo.
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- Bush, Tony (1986): *Theories of educational management*. London: Harper & Row Publishers.
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- Musaazi, J.C.S. (1982): *The Theory & Practice of educational administration*. London: The Macmillan Press.
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**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Educational Management and Planning**  
**CourseD-02**

**III: Issues in Planning, Management and Financing of Education**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. Understand issues related to planning and management of education,
2. Identify the issues related to education as an investment in human capital,
3. Undertake cost-benefit analysis of education and estimation of interval efficiency of education,
4. Reflect on the role of principal and its relationship with the organizational culture of school,
5. Reflect on the conflict and stresses in school organization and techniques of managing these,
6. Critically analyse the policies of educational finance and its implications of efficiency of the system,
7. Discuss the linkages of various state, district and local level functionaries.

**Course Content:**

**Unit I- Problems of educational planning**

- a) Education in equity in India.
- b) Calculating cost of education.
- c) Comprehensive approach vs. selective approach.
- d) Public sector vs. private sector.
- e) Educational Planning and exceptional children, gifted, backward and handicapped.
- f) Analysis of educational expenditure for planning.

**Unit II-Management Issues related to School Education**

- a) Educational Management Information System (EMIS), concept, functions, status and issues.
- b) Role of school Boards, CAGE, State Boards
- c) Role of Head, VEC, Self help groups, MTAs, PTAs and panel of experts resource persons.
- d) Total quality Management (TQM) at school level.
- e) Education in public and private schools: regulation and control of private schools
- f) Role of educational legislation in the Educational Management: central legislation related to school education and child welfare, State Education Acts.
- g) Monitoring and supervision: its importance in the implementation of scheme/programmes.

**Unit III- Organizational Behavior in Education**

- a) Organizational Behavior and Organizational effectiveness.
- b) Factors influencing Organizational Culture in schools
- c) Role of school Principal in creating school culture, leadership, decision making, human relations and communication.
- d) Conflict and stress-conflict management, motivation and morale.
- e) Critical review of educational planning in India.
- f) Intra and Inter Personal Communication and group Dynamics.

#### **Unit IV- Problems and Issues of Educational Finance**

- a) Tuition fees: merits and demerits of uniform tuition fees.
- b) Additional resources for education.
- c) Grant-in-aid policy of the state government with special reference to secondary education.
- d) The factors affecting increasing the financial burden on local governments.
- e) Ways and means of controlling funds.

#### **Transactional Mode**

Lecture-cum-discussion; group work, extension lecture, self-study, assignment and project work etc.

#### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

- The students may undertake **any Two** of the following activities: **(05 Marks Each)**
- Cost benefits analysis of education at primary level.
- Assignments on partnership of VEC, self-help groups, MTA, PTAs etc in universalization of elementary education.
- Project report on issues of educational finance based on data collected from educational administrations.
- Preparation of a plan of action for development of low cost equipments and apparatus in a primary school.
- Evaluation of management of SSA activities in a district.
- Assignment on any of the themes discussed in the paper.
- Study of Conflict Resolution technique adopted by Heads of two schools.
- Critical review of present.

#### **Essential Readings:**

- Jha, Jyotsna, Saxena, K.B.C. & Baxi, C.V. (2001): *Management Processes in Elementary Education: A Study of Existing Practices in Selected States in India*. New Delhi, the European Commission.
- Mukhopadhyay, Mamar & Tyagi, R.S. (2005): *Governance of School Education in India*. New Delhi, NIEPA.
- Mathur, S.P. (2001): *Financial Administration and Management*. The Indian Publications, India.
- Ramcharan Padma & R. Vasantha (2005): *Education in India*. New Delhi, National Book Trust.

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- Robert G. Oweus (1970): *Organizational Behaviour*. Prentice Hall. Inc. Englewood Cliffs.
- Rao, V.K.R.V. (1966): *Education and Human Resources Developments*. Delhi, Allied Publishers.
- Vaizeg, J. (1964): *Costs of Education*. London: Allen and Union.
- School Organization and Management by Janardhan Prasad.
- Educational Administration and Organisational Behaviour by Hanson (E-Mark). Discovery Publishing House, New Delhi.

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Environmental Education**  
**Course D-03**

**I: Sustainable Development**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. Understand the concept and Dimensions of Sustainable Development.
2. Identify the role of Environmental education for Sustainable Development.
3. Understand National and International initiatives towards Sustainable Development.
4. Understand concept and ways of Conservation of Natural Resources.
5. To know about Environmental movements.
6. Identify Role of Education in Conservation of Natural Resources

**Course Content**

**UNIT- I ENVIRONMENTAL EDUCATION AND SUSTAINABLE DEVELOPMENT**

- a) Sustainable Development : Meaning & dimensions ( natural, social & economic) -
- b) Strategies for Sustainable Development: suggested in Agenda
- c) Environmental Impact Assessment (EIA) – meaning, steps, principles & importance of EIA in Sustainable Development
- d) Role of Environmental Education in Sustainable Development-Need of an Inter- disciplinary Approach

**UNIT- II ENVIRONMENT AND SUSTAINABLE DEVELOPMENT**

- a) International commitments to Sustainable development: International conferences, Treaties and programmes across the Globe
- b) National initiatives: Governmental policies towards sustainable development
- c) Innovations for sustainable development
- d) Brundtland commission on sustainable development

**UNIT- III ENVIRONMENTAL EDUCATION**

- a) Environmental Education : Meaning, need and scope
- b) Need of Environmental Education for School Teachers and Teacher Educators
- c) Place of Environmental Education in National Curricular Framework (2000) given by NCERT and Environmental Education Curriculum Framework For Teachers and Teacher Educators (2005) given by NCTE
- d) Study of curriculum of Environmental Education at Primary & Secondary levels of Education currently implemented in Maharashtra : objectives, content Areas, teaching – learning and modes of Evaluation as prescribed in the curriculum

**UNIT- IV EDUCATION FOR CONSERVATION OF NATURAL RESOURCES**

- a) Conservation of Natural Resources : Concept , need and Importance, Ways of Conservation of Natural Resources : Refuse, Reuse, Recycle, Reduce, Replace, Restore, Regenerate, and Reshape
- b) Environmental Movements:- i) Chipko, Apiko, Silent Valley, Narmada Bachao and Western Ghat Bachao ii) Role of Environmental Movements in Environmental Conservation

- c) Environmental Acts :- Water Act (1974), Air Act (1981), Environmental Protection Act (1986), Code of Practice regarding Noise Pollution as given by Central Pollution Control board
- d) Role of Education in Conservation of Natural Resources

### **Transactional Mode**

Lecture-cum-discussion; group work, extension lecture, self-study, assignment and project work etc.

### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

- The students may undertake **any Two** of the following activities: **(05 Marks Each)**
- Survey of water pollution at local level and submit the report.
- Study about any one Environmental act for conservation of Environment and submit the report.
- Visit to an organization related to environment and presentencing the report.
- Collecting information about environmental education for sustainable development and prepare report.
- Conducting an interview of a renown environmental activist on sustainable development and submit the report.
- Preparing the Multimedia presentation of Sustainable development and present in classroom.

#### **References:**

- Ashthana Vandanna, (1992). The Politics of Environment. New Delhi : Ashish Publishing, Houses, Punjabi Bagh.
- Datta Amol K., (2000). Introduction to Environmental Science & Engineering. New Delhi- 110 001 : Raju Primlani for Oxford & IBH Publishing, Co. Pvt. Ltd., 66, Janpath.
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- Iyer, Gopal (1996). Sustainable Development Ecological & Socio-cultural Dimension. New Delhi : Vikas Publishing House Ltd.
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- Saksena, K. D., (1993). Environmental Planning, Policies & Programmes in India. New Delhi: Shipra Publication, Jawahar nagar.
- Singh, Uttamkumar & Nayak A.K., (1997). Health Education . New Delhi -11 0002 :Commonwealth Publisher, 4378/4B, Ansari Road, Darya Ganj.
- Srivastva, P.R., & Shukla S. K., (1997). Global Environmental Series (Vol. 1 to 5). New Delhi(India) : Commonwealth Publishers.
- Trivedi, P.R. & Raj Gurdeep, (1997). Management of Environmental Education & Research. New Delhi : Akashdeep Publishing House.
- Trivedy, R.K. (1996) . Handbook of Environmental Laws, Acts, Rules Guidances, ompliance & Standards (Vol. 1 & 2). Karad : Enviro Media, 2nd Floor, Rohan Heights P.B. No. 90, - 415 110 (India).
- NCERT, (2000). National Curriculum Framework 2000. New Delhi : NCERT Press.
- NCTE, (2005). Environmental Education Curriculum Frame working for Teachers &Teacher Education. New Delhi : NCERT Press



**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Environmental Education**  
**Course D-03**

**II: Disaster Management**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. Understand the concept of Disaster and Disaster Management.
2. Understand the training process of Disaster Management.
3. Identify the role of national and International agencies in Disaster Management.
4. Understand the role of Education in Disaster Management.

**Course Content**

**Unit I: Disaster Management**

- a) Disaster: Concept & Types
- b) Disaster Cycle
- c) Disaster Management
- d) Role of National & International Agencies in Disaster Management

**UNIT- II Environmental Disasters and Disaster Management**

- a) Environmental Disasters: meaning, natural & manmade disasters and their management
- b) Natural Disasters and their Management: Earthquake, Volcano, Cyclones, Flood & Draught: their causes, effects and management
- c) Pollution as a Manmade Disaster: Causes, effects & control of -Air pollution, Water pollution, Land pollution and Sound pollution

**UNIT- III Education for Environmental Management**

- a) Environmental Management : Meaning, need and importance, Systems Approach to Environmental Management
- b) Land Management and Water Management and Waste management
- c) Management of Biotic Resources and Energy Resources
- d) Role of Education in Environmental Management

**UNIT- IV Training for Disaster Management**

- a) Government Institution of Disaster Management
- b) Training at various levels of Education: Primary, Secondary and Higher Secondary
- c) Awareness development for Disaster Management
- d) E-Content Development for Disaster Management

**Transactional Mode**

Lecture-cum-discussion; group work, extension lecture, self-study, assignment and project work etc.

**Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

**(10 Marks)**

- The students may undertake **any Two** of the following activities: **(05 Marks Each)**
- Prepare the Multimedia presentation on Environmental Disaster Management.
- Study about any one natural disaster and write project of it.
- Identify and visit to the local agency of Environmental Management & prepare report.
- Prepare the Awareness development programme for Disaster Management and submit it.

#### References:

- Ashthana Vandanna, (1992). The Politics of Environment. New Delhi : Ashish Publishing, Houses, Punjabi Bagh.
- Datta Amol K., (2000). Introduction to Environmental Science & Engineering. New Delhi- 110 001 : Raju Primlani for Oxford & IBH Publishing, Co. Pvt. Ltd., 66, Janpath.
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- James, George (1999). Ethical Perspectives on Environmental Issues in India. New Delhi- 100 002 : APH Publishing, Corporation, 5 Ansari Road, Darya Gunj,
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- Mukherjee, Biswarp (1996). Environmental Biology, Tata-Mc-Graw, New Delhi : Hill, Publishing Co. ltd.
- Nanda, V.K., (1997). Environmental Education . New Delhi-110 002 : Anmol Publications Pvt. Ltd., 4374/4B, Ansari Road, Daryaganj.
- Nasrin, (1999). Environmental Education. New Delhi - 110 002 : APH Publishing Corporation, 5 Ansari Road, Daryagnij.
- Rao, Digmurti Bhaskaru (1998). Earth Summit, Discovery. New Delhi - 110 002.: Publishing House, 4831/ 24, Ansari Road, Pralhad Street, Daryaganj.
- Rasthnaswamy, P. Forwarded By Hans (van Sponeck) VN Resident Coordinator (1998). International Environment Management . New Delhi- 110 002 : Manoj Publication, 4819/XI, Varun House, Mathur Lane 24, Ansari Road, Daryagnj.
- Saksena, K. D., (1993). Environmental Planning, Polices & Programmes in India. New Delhi: Shipra Publication, Jawahar nagar.
- Singh, Uttamkumar & Nayak A.K., (1997). Health Education . New Delhi -11 0002 :Commonwealth Publisher, 4378/4B, Ansari Road, Darya Ganj.
- Srivastva, P.R., & Shukla S. K., (1997). Global Environmental Series (Vol. 1 to 5). New Delhi(India) : Commonwealth Publishers.
- Trivedi, P.R. & Raj Gurdeep, (1997). Management of Environmental Education & Research. New Delhi : Akashdeep Publishing House.
- Trivedy, R.K. (1996) . Handbook of Environmental Laws, Acts, Rules Guidances, ompliance & Standards (Vol. 1 & 2). Karad : Enviro Media, 2nd Floor, Rohan Heights P.B. No. 90, - 415 110 (India).
- NCERT, (2000). National Curriculum Framework 2000. New Delhi : NCERT Press.
- NCTE, (2005). Environmental Education Curriculum Frame working for Teachers & Teacher Education. New Delhi : NCERT Press.

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Environmental Education**  
**CourseD-03**

**III: Pedagogy and Current Issues in Environment**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. Understand the concept & types of environment.
2. Understand the concept & importance of Environmental Health.
3. Understand teaching strategies for Environmental Education.
4. Identify and understand the role of various agencies in Environmental Education.
5. Understand the issues of Environment and their solutions.

**Course Content**

**Unit I: Environment**

- a) Environment : Meaning & types, Natural, Social & Economic environment : interdependence & interaction among them, Relation between Man and Environment
- b) Environmental Health – meaning and importance
- c) International Conferences For Environmental Protection :Stockholm Conference (1972), Rio Conference (1992) andJohannesburg Conference (2002)
- d) United Nations Environmental Programme (UNEP) –Objectives & Functions

**Unit- III Teaching – Learning and Evaluation in Environmental Education**

- a) Teaching – Learning Strategies for Environmental Education:Field visits, Experimentation, Demonstration, Observation,Group- Discussion, Role Play, Dramatization and Games
- b) Evaluation in Environmental Education Use of Observation, Self-reporting techniques ( attitude scale, interview and questionnaire) and Projective Techniques in Environmental Education
- c) Training For Environmental Education – (Preparing anEnvironmental Education Teacher) Major components of theTraining Programme

**Unit- IV Role of various agencies in Environmental Education**

- a) Role of Educational Institution & Role of a Teacher -Characteristics and Responsibilities of EnvironmentalEducation Teacher
- b) Role of Family in Developing proper attitudes, values, skills andbehavior patterns.
- c) Role of Central & State Government in EnvironmentalEducation
- d) Role of NGOs in Environmental Education (with reference to two National & two Local NGOs), Role of Media in Environmental Education – Print Media, Posters, Slides, Television, Radio and Computer (Internet)

**Unit- IV Environmental Issues**

- a) Concept of Environmental Issues, Environmental Issues: Population, Climate Change, Global Warming,Deforestation, Overpopulation, Industrial and Household Waste, Acid Rain, Ozone Layer Depletion, Genetic Engineering, Urban Sprawl.
- b) Solutions of Current Environmental Issues.

- c) Role of Teachers about Environmental Issues.
- d) Role of Educational Institutions about Environmental Issues.

### **Transactional Mode**

Lecture-cum-discussion; group work, extension lecture, self-study, assignment and project work etc.

### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

- The students may undertake **any Two** of the following activities: **(05 Marks Each)**
- Preparation and Use of a strategy for teaching Environmental Education at school level / college level.
- Planning & Conducting an Environmental Awareness Programme for a class (5th to 10th std.) in any one school.
- Identify local Issues of Environment and prepare report.
- Collect the information about local Environment agencies work and prepare the report.
- Analysis of any one text book from std. 5<sup>th</sup> to 10<sup>th</sup> with respect to environment.

### **References:**

- Ashthana Vandanna, (1992). The Politics of Environment. New Delhi : Ashish Publishing, Houses, Punjabi Bagh.
- Datta Amol K., (2000). Introduction to Environmental Science & Engineering. New Delhi- 110 001 : Raju Primlani for Oxford & IBH Publishing, Co. Pvt. Ltd., 66, Janpath.
- Dhaliwal, G.S., & Ralhan, P.K., (1995). Fundamentals Of Environmental Science. New Delhi : Kalyani Publishers, Daryaganj.
- Dayani, S. N., (1993). Management of Environmental Hazards. New Delhi : 110 014. Vikas Publishing House, Pvt. Ltd. 576, Masjid Road, Jangpura.
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- Mehta ,Cheten Singh (1997). Environmental Protection & the Law. New Delhi - 110026: Ashish Publishing House, 8/81, Punjabi Bagh.
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- Singh, Uttamkumar & Nayak A.K., (1997). Health Education . New Delhi -11 0002 :Commonwealth Publisher, 4378/4B, Ansari Road, Darya Ganj.
- Srivastva, P.R., & Shukla S. K., (1997). Global Environmental Series (Vol. 1 to 5). New Delhi(India) : Commonwealth Publishers.
- Trivedi, P.R. & Raj Gurdeep, (1997). Management of Environmental Education & Research. New Delhi : Akashdeep Publishing House.
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- NCTE, (2005). Environmental Education Curriculum Frame working for Teachers & Teacher Education. New Delhi : NCERT Press

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Inclusive Education**  
**Course D-04**

**I: Special Education and Pedagogy**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. Understand the concept and nature of Special Education.
2. Understand the modes and approaches of Special Education and approaches of Identification for Special children.
3. Understand the meaning, characteristics, types, causes educational programmes, prevention and rehabilitation of various types of special children.

**Course Content**

**UNIT- I CONCEPT AND NATURE OF SPECIAL EDUCATION**

- a) Meaning & Scope of Special Education
- b) Needs & objectives of Special Education
- c) Identification and Early Intervention Programmes for Special Education.
- d) Modes of Special Education
- e) Classification of exceptional children, relevance of special education.
- f) Legal aspect of Special Education: Constitutional provisions and act, facilities for special education

**UNIT- II EDUCATION FOR MENTALLY RETARDED**

- a) Meaning & Characteristics of Mentally Retarded
- b) Causes and types of Mentally Retarded
- c) Educational Programmes for Mentally Retarded
- d) Prevention and Rehabilitation for Mentally Retarded
- e) Teaching strategies for Mentally Retarded

**UNIT- III EDUCATION FOR VISUALLY IMPAIRED**

- a) Meaning & Characteristics of Visually Impaired
- b) Types and Causes of Visually Impaired
- c) Educational Programmes for Visually Impaired
- d) Prevention and Rehabilitation for Visually Impaired
- e) Teaching strategies for Visually Impaired

**UNIT- IV EDUCATION FOR HEARING IMPAIRED**

- a) Meaning & Characteristics of Hearing Impaired
- b) Types and Causes of Hearing Impaired
- c) Educational Programmes for Hearing Impaired
- d) Prevention and Rehabilitation for Hearing Impaired
- e) Teaching strategies for Hearing Impaired

### **Transactional Mode**

Lecture-cum-discussion; group work, extension lecture, self-study, assignment and project work etc.

### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

- The students may undertake **any Two** of the following activities: **(05 Marks Each)**
- Visit to the special Education school and write a report
- Study of mentally retired student
- Write your own views on Teaching strategies for Hearing Impaired
- Project work on special education

### **References**

- Hallahan, D.P. & Kauffman, J.M. (1991) : Exceptional Children—Introduction to Special Education, Allyn & Bacon, Massachusetts.
- Frank, M.H. & Steven, R.F. (1984) : Education of Exceptional Learners, Allyn & Bacon, Inc., Massachusetts.
- Kirk, S.A. & Gallagher, J.J. (1989) : Education of Exceptional Children, Houghton Mifflin Co., Boston.
- Berdine, W.H., Blackhurst, A.E. (eds.) (1980) : An Introduction to Special Education, Little, Brown and Company, Boston.
- Ysseldyke, J.E. and Algozzine, B. (1998) : Special Education, New Delhi, Kanishka Publishers, Distributor.
- Hans, I.J. (2000) : Children in Need of Special Care, Human Horizons Series, Souvenir Press (E & A Ltd.).
- Advani, L & Chadha, A. (2003) : You and your special Child, New Delhi: UBS Publishers and Distributors
- Encyclopaedia of Special Education (1987) : Vol.1,2,3 ed's Cecil.r. Reynolds and Lester Mann, New York : John Wiley and Sons.
- Panda, K.C. (1997) : Education of Ex

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Inclusive Education**  
**CourseD-04**

**II: Inclusive Strategies and Education for children with diverse needs**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives**

On completion of this course the students will be able to

1. Developing an understanding of the needs and magnitude of the challenges faced by children and persons with diverse needs,
2. Appreciating the need for promoting inclusive practice and understanding the roles and responsibilities of all concerned,
3. Developing a positive attitude and sense of commitment towards actualizing the right to education of all learners,
4. Preparing a conducive teaching learning environment in varied school settings,
5. Develop the ability to conduct and supervise action research activities,
6. Identifying and utilizing existing support services for promoting inclusive practice,
7. Seeking parental and community support for utilizing available resources for education in inclusive settings.

**Course Content**

**Unit I- Meeting the needs of diverse learners**

- a) Social and academic inclusion of learners with diverse needs in mainstream classrooms.
- b) Facts and myths and of inclusive education with reference to Indian context.
- c) Inclusive educational strategies and their implications for universalization of elementary and secondary education.
- d) Effectiveness of inclusive strategies such as enrichment, cluster grouping, mixed ability grouping, multilevel teaching, cooperative learning, peer tutoring in the context of constructivism.

**Unit II- Curriculum adaptations and evaluation for children with diverse needs**

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

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

- a) Review existing educational programmes offered in secondary school (general, special education).



- b) Skills and competencies of teachers and teacher educators for secondary education in inclusive settings.
- c) N.C.F 2005 and curriculum for teacher preparation and transaction modes.
- d) Roles, responsibilities and professional ethics of an inclusive education teacher and teacher educators.
- e) Evaluation and follow up programmes for improvisation of teacher preparation programmes in inclusive education programmes.
- f) Role of different national and international agencies {institutions, universities} in promoting inclusive education.

#### **Unit IV- Supportive Services for inclusion and research**

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

#### **Transactional Mode**

Discussion and group work, presentation by students, use of internet, and field visit to get first hand exercises.

#### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

The students may undertake **any Two** of the following activities: **(05 Marks Each)**

- Observation of inclusive teaching strategies and discussion.
- Planning and conducting multi-level teaching in the DMS (two classes).
- Critical analysis of N. C. F 2005 for planning quality teacher preparation programme
- Identify suitable research areas in inclusive education.
- Conduct a survey in the local area to ascertain the prevailing attitudes / practices toward social, emotional and academic inclusion of children with diverse needs.
- Conduct a survey on the type of supportive service needed for inclusion of children with any disability of your choice and share the findings in the class.

#### **References**

- Ainscow, M., Booth. T (2003): *The Index for Inclusion: Developing Learning and Participation in Schools*. Bristol: Center for Studies in Inclusive Education.
- Ahuja. A, Jangira, N.K. (2002): *Effective Teacher Training; Cooperative Learning Based Approach: National Publishing house 23 Daryaganj, New Delhi 110002*.
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**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Inclusive Education**  
**Course D-04**

**III: Issues of Special needed Child**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. Understand the global and national commitments towards the education of children with diverse needs,
2. Appreciate the need for promoting inclusive practice and the roles and responsibilities of all concerned personnel,
3. Develop critical understanding of the recommendations of various commissions and committees towards teacher preparation for inclusive education,
4. Understand the nature of difficulties encountered by children and prepare conducive teaching learning environment in inclusive schools,
5. Analyze special education, integrated education, mainstream and inclusive education practices, .

**Course Content**

**Unit I- Introduction to Inclusive Education**

- a) Definition, concept and importance of inclusive education.
- b) Historical perspectives on education of children with diverse needs.
- c) Difference between special education, integrated education and inclusive education.
- d) Advantages of inclusive education for education for all children.

**Unit II-Recommendations of Education Commissions and Committees on restructuring policies and practices to respond to diversity**

**a) International Initiatives**

- The Convention on the Rights of the Child (Article 23, 28, 29 a2, 3, 6 and 10 &12).
- The World Declaration on Education for all and its Framework for Action to meet Basic - Learning needs, 1990(Article 3 Clause 5).
- The World Declaration on the Survival, Protection and Development of Children and the Plans of action (Outcome of the UNICEF World Summit for Children, (1990).
- The Asian and Pacific decade of Disabled Persons, 1993-2002.
- The Agenda for Action for the Asian and Pacific Decade of Disabled Persons (1993-2002).
- The World Conference on Special needs Education and the Salamanca Statement and framework for action on Special Needs Education.
- International Year of the disabled persons (IYDP, 1981)

**b) National Initiatives**

- The Indian Education Commission (1964-66).
- Integrated Education for Disabled Children (IEDC, 1974).
- National Policy on Education (NPE, 1986-92).
- Establishment of National Institutes and their Regional Centers.
- Project Integrated Education for disabled children (PIED, 1987).
- District Primary Education Programme (DPEP).
- The Persons with Disabilities Act (PWD Act, 1995).

- Sarva Shiksha Abhiyan.
- Initiatives for the gifted and talented children.
- National Curriculum Framework, 2005 NCERT

**c) Current Laws and Policy Perspectives supporting IE for children with diverse needs**

- The Mental Health Act 1987.
- Rehabilitation Council of India Act, 1992
- The Persons with Disabilities Act (Equal opportunities, Protection of rights and full participation, 1995).
- The National Trust for the Welfare of Persons with autism, cerebral palsy, mental retardation and Multiple Disabilities Act 1999.

**Unit III-Preparation for Inclusive Education**

- a) Concept and meaning of diverse needs.
- b) Educational approaches and measures for meeting the diverse needs- concept of remedial education, special education, integrated education and inclusive education.
- c) Brief account of existing special, integrated and inclusive education services in India.
- d) Building inclusive learning friendly classrooms, overcoming barriers for inclusion.
- e) Creating and sustaining inclusive practices.
- f) Role of teachers, parents and other community members for supporting inclusion of children with diverse needs.

**Unit IV- Children with Diverse Needs**

- a) Importance of early detection, Functional assessment for development of compensatory skills.
- b) Role of teachers working in inclusive settings and resource teacher in developing and enriching academic skills for higher learning.
- c) Adaptations in instructional objectives , curriculum and co-curricular activities for meeting diverse needs of children from sensory, intellectual, learning disabled, rural, tribal, girls, SC ST and linguistic and other minority groups.
- d) Role of technology for meeting diverse needs of learners

**Transactional Mode**

Discussion, group work, power-point presentation, use of internet, and field visit to get first hand exercise on inclusive practices.

**Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

**(10 Marks)**

The students may undertake **any Two** of the following activities: **(05 Marks Each)**

- Preparation of status report on school education of children with diverse needs.
- Evaluation of text books from the perspective of differently abled children.
- Field visit to school/institutions promoting inclusive practices and discussion with teachers and observation and analysis of teaching learning practices.
- Analysis of policy document (national, international) related to diversity.
- Survey the locality for early identification of children with disabilities.
- Planning and conducting multi-level teaching in the local school.
- Critical review of policy and practice and panel discussion by a group of students.
- Visit to special, integrated and inclusive classrooms .Reflective journal writing.
- Review of literature related to education of children with diverse needs presentation of reports in a seminar.

- Make a list of existing resources in the local area and discuss their use and limitations based on survey of five inclusive schools.

### **References**

- Ainscow, M., Booth. T (2003): *The Index for Inclusion: Developing Learning and Participation in Schools*. Bristol: Center for Studies in Inclusive Education.
- Ahuja. A, Jangira, N.K. (2002): *Effective Teacher Training; Cooperative Learning Based Approach: National Publishing house 23 Daryaganj, New Delhi 110002*.
- Jangira N.K. and Mani, M.N.G. (1990): *Integrated Education for Visually Handicapped*, Gurgaon, Old Subjimandi, Academic Press.
- Jha. M.( 2002) *Inclusive Education for All: Schools Without Walls*, Heinemann Educational publishers, Multivista Global Ltd, Chennai, 600042, India.
- Sharma, P.L. (1990) *Teachers handbook on IED-Helping children with special needs* N. C. E R T Publication.
- Sharma P.L (2003) *Planning Inclusive Education in Small Schools*, R .I E. Mysore

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Education and Peace**  
**CourseD-05**  
**I: Peace Education**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

- Analyze the concept of Peace education
- Critically examine the importance of Peace education
- Make conceptual analysis of Peace education concepts
- Appreciates the contribution of Indian philosophy of education
- Examine the relationship between Peace and education
- Examine the social processes and the significance of Peace education

**Course Content**

**Unit-I Nature and Concept of Peace and Education**

- a) Concept of Peace-Political, Social, Spiritual dimensions, Need in the Present global and
- b) National Contexts- Indian and Western views on Peace
- c) Initiations related to Peace education National and International level
- d) Prevention of violence and conflict
- e) Role of Education- in Peace Education

**Unit-II Aims and Objectives of Peace Education**

- a) Great Educationist's view on Peace and Education: M.K. Gandhi, Rabindranata Tagore, Vivekananda Martin Luther King- Buddha and Mahaveera
- b) Awareness of need of the Society and the individual
- c) Conflict management- Cultural awareness- Role of the society; Gandhi an War of Conflict resolution

**Unit-III Approaches and Strategies of Peace Education**

- a) Elements of Effective Peace Education
- b) Human Right Education-Value Education-Gender Sensitivity and practices
- c) Role of Life Skills Education- Mental health in peace education
- d) Environment Education for peace
- e) Art, Cultural and Performance arts, Role play in Peace Education
- f) Strategies in Peace Education, Preparation of teachers for Peace education

**Unit-IV Research and Evaluation in Peace Education**

- a) Programmes of Peace Education Initiative at various levels of Education- Formalinformal-
- b) School Education, Higher Education
- c) Role of National and International Institutions, Need for Research in peace Education
- d) Formative and Summative evaluation in Peace Education

### **Transaction Mode**

Theory Classes: Teaching by the respective trade in the class, Seminars: Presentation of papers prepared by students, Practical's: conducting of experiments in Psychology of education & the analysis & interpretation of the data by the students

### **Sessional work:(Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

### **(10 Marks)**

The students may undertake **any Two** of the following activities: **(05 Marks Each)**

1. To study the different concepts like social cognition, intrapersonal behavior using socio metric techniques
2. To study the findings research articles on the concepts of the syllabus & relating it to the present Indian class room situations
3. Relating the concepts / theories discussed in the syllabus to real life /day to day life situation for a better society.

### **References:**

- Monisha Bajaj, “*Encyclopedia of Peace Education*” Information Age publishing Inc., Yugoslavia 2008.
- Ian M. Harris, Mary Lee Morrison, “*Peace education*” Mc Farland and Company Inc Publishers, 2003.
- Jing Lin, Edward J. Brantmeier, Christa Bruhn, “*Transforming education for peace*” Information Age publishing Inc., U.S.2008.
- Rachel MacNair, “*The psychology of peace: an introduction*” Praeger Publishers 2003.
- Emmanuel Babu Joseph Kallarackal, “*Peace education in northeast India*” Fordham University publishers Inc., 2007.
- Anima Bose, Zlmarian Jeanne Walker, Fredsberedskap, “*Peace education: Perspectives from Brazil and India*” Malmö School of Education Publishers inc., 1990.
- L. Mishra, “*Peace Education: Framework For Teachers*” 2009.
- Balvinder Kaur, “*Peace Education : New Trends And Innovations*” 2006.
- Singh, “*Peace & Human Rights Education*” 2008.
- Johnson David W. Jr., Roger T. Johnson, “*Peace Education: A Special Issue of Theory Into Practice*” 2005.

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Education and Peace**  
**CourseD-05**  
**II: Value Education**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. To enable students to know and understand the need and importance of Value-Education.
2. To enable them to understand the nature of values, moral values, moral education and to differentiate such from religious education, moral training or moral indoctrination.
3. To orient the students with the basis of morality and with the place of reason and emotions in moral development of the child.
4. To enable them to understand the process of moral development vis-s-vis their cognitive and social development.
5. To orient the students with various intervention strategies for moral education.

**Course content**

**UNIT -I: The Social-moral and cultural context:**

- a) Value: Concept, nature and sources
- b) Need and Importance of Value Education
- c) Human Rights: Concept, need and importance of Human rights education in the existing social scenario.
- d) Valuation of culture : Indian Culture and Human Values.

**UNIT -II: Nature and Concept of Morality and Humanity with reference to moral and Human values:**

- a) Religious Education, Moral Education. Value Education and Human Rights their instruction, training and indoctrination.
- b) Contribution of Value education and Human Rights in personality development.
- c) Human Rights and their contribution in national building
- e) Concept of Development and concept of moral development.
- f) Psycho-analytic approach.
- g) Learning theory approach, especially social learning theory approach.
- h) Cognitive development approach-piaget and Kohlberg, stages of moral development and their characteristic features.

**UNIT -III: Value learning to Value Education.**

- a) Value learning outside the school-child rearing practices and Value learning. Value learning via imitation. Nature of society and Value learning media and value learning.
- b) Value learning inside the school; providing “form” and “Content to education”.
- c) Value Education and curriculum; can value education be imparted through subject curriculum

**UNIT -IV: Intervention strategies for value education and Assessment of Valuematurity.**

- a) Model of Value education-
  - i) Value Judgment: Scientific inquiry model;
  - ii) Value analysis model;

- iii) Social-Simulation model and
- iv) Roleplaying model
- b) Value judgment and Value Action.
- c) Assessment of Value maturity via moral dilemma resolution.
- d) Examples of some select value dilemmas.

### Sessional work:(Total Marks 20)

- The student may write one tutorial question out of three prepared tutorial questions.

### (10 Marks)

- The students may undertake **any Two** of the following activities: **(05 Marks Each)**
- Write a report on implementation of Human Rights in a school of your choice – related to students, teachers and principal.
- Conduct a programme on awareness of social values in your community.
- Conduct a programme on awareness of Human Rights amongst secondary school teachers.
- Conducts a survey on issues related to violation of social values and write a report on the same.

### References:

- Allport, G.W., Vernon, P.E., and Lindzey, G. (1970) *study of values*, Buston: Houghton Mifflin.
- *Central Board of Secondary Education (1997), Value Education: A Handbook for Teachers*, Delhi: Central Board of Secondary Education.
- Charles, E.A. (2000) (ed), *Value Education: A Manual for Teachers*, Mumbai: St. Xavier's Institute of Education Society.
- Delors, J. (1996), *Learning: The Treasure within-* Report of the International Commission on Education for the Twenty-First Century, Paris: UNESCO.
- *Eighty-first Report on Value Based Education* (1999), Department Related Parliamentary Standing Committee on Human Resources Development, New Delhi: Rajya Sabha Secretariat.
- Havighurst, R.J. (1953), *Human Development and Education*, New York: Longman's Green and Co.
- Karan Singh (1996) *Education for global society*, in Delors, J., *Learning: The Treasure Within*, Paris: UNESCO.
- Kluckhohn, C., "Value and Value Orientations in the theory of action: An exploration in definition and classification" in T. Darsons and E.A. Skill (1951) (eds), *Towards a General Theory of Social Action*, Cambridge: Harvard University Press
- Kollberg, L. (1964), *Development of moral character and ideology*, in M.K. Hoffman and L.W. Hoffman (eds) *Review of Child Development Research*, Vol.1, New York: Russell Sage.
- Kohlberg, L. (1969), *Stage and sequence*, in D.A. Goslin (ed) *Handbook of Socialization Theory and Research*, Chicago: Rand Mc Nally.
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- Krathwohl, D.R., Bloom, B.S., and Masia, B.B. (1964), *Taxonomy of Educational Objectives: The Classification of Education Goals*, Handbook ii: Affective Domain, New York: David Mckay Co. Inc.
- *Living Values : An Educational Program* (1999). New York: UNESCO's International Coordination Office
- Morris, Charles W. (1956). *Varieties of Human Values*. Chikago: University of Chicago Press.
- Peck, R.F. and Havinghurst, R.J. (1960). *The Psychology of Character Development*. New York: Willey
- Piaget, J. (1960). *The Moral Judgment of the Child*. New York: Free Press
- Shukla, R.P.(2005). *Value Education and Human Rights*. Sarup & Sons, New Delhi
- *Value Education*. Manish Prakashan , Plat No. 26, Rohit Nagar Colony, Baranasi Hindu University , Varanasi.



**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Education and Peace**  
**CourseD-05**

**III: World Education**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. Understand the concept and role of Lifelong Education.
2. To know about the process and aspects of Open and distance learning.
3. Understand the concept of Experienced based Education and Quality based Education
4. Understand the relation between Education and International understanding

**Course Content:**

**Unit –I Lifelong Learning**

- a) Meaning, Nature & Scope of Lifelong Learning
- b) Types of Learning – Informal, Non-formal & Formal
- c) Integrated Approaches in Lifelong Learning
- d) Lifelong Learning in Asia and Europe
- e) Role of Mass Media in Furthering Lifelong Learning

**Unit –II Open and Distance Learning (ODL)**

- a) Meaning, Nature & Scope of Open & Distance Learning
- b) Development of Open & Distance Education & its Present Status in India.
- c) Characteristics of Learners; Study Skills & Self – Learning
- d) Student Support Services : Design & Preparation of Self Instructional Material,
- e) (Print, Audio and Video) Contact Programmes, Evaluation.
- f) Information Communication Technology (ICT) in Open & Distance Learning –
- g) E-learning – Virtual Classroom – EDUSAT

**Unit III: Experienced and Quality based Education**

- a) Concept, Need, Components of Experienced based Education
- b) Edgar dale's cone of Experience, Kolb's Experiential Learning Theory,
- c) Meaning, need of Quality based Education
- d) Indicators of quality in school and higher education
- e) Meaning, Features and Principles of Total Quality Management (TQM)
- f) Role of Teacher in Experienced and Quality based Education

**Unit IV Education to foster International Understanding**

- a) Study of the Report of the International Commission on Education for the Twenty-first Century (known as the Dellors Report) with respect to the following dimensions:
  - a. Awareness of human rights combined with a sense of social responsibilities;
  - b. Value of social equity and democratic participation;

- c. Understanding and tolerance of cultural differences and pluralism;
- d. A caring, co-operative and enterprising spirit;
- e. Creativity;
- f. Sensitivity to gender equality;
- g. Open-mindedness to change; and
- h. Obligation to environment protection and sustainable development.

**Sessional work:(Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

**(10 Marks)**

- The students may undertake **any Two** of the following activities: **(05 Marks Each)**
- Discover the new trends in Education and prepare report of any one new trend.
- Study the Experience based education system in schools and prepared report.
- Study the Quality based Education system in Schools and Prepare Report.
- Visit to the Open education study Centre and prepare report.

**Reference:**

- Kamat,A.R.(1982) Education &Modernization in India Bombay: Somaiya Publication.
- Mohanty,J(1982) Indian Education In The Emerging Society .New Delhi:Sterling Publication.
- Madhukar, Indira (2003) Impact of Globalization on Education Learning to Live Together. Delhi: auther press.
- Mohit, Chakabarti (2005) Education In The 21<sup>st</sup> Century, Delhi:Kalpar publications.
- Chaudhary, U S (1986) Issues& Advantage in Education,Ajanta Publication House.
- Basu,Durga Das.(1994) Introduction to the Constitution of India. New Delhi: PHI
- Nambissan, G. (2010) Exclusion & Discrimination in Experiences of Dalit Children.Working paper series, Vol.1 No.1 Indian Institute of Dalit Studies & UNICEF.
- Sen A Dreze J (1997). Indian Economic Development & Social Opportunity. Delhi: Oxford India Press

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Indian Constitution and Education**  
**CourseD-06**

**I: Constitution and Education**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. Understand about Indian Constitution.
2. Understand the process of Education.
3. Understand the necessity of Indian Constitution in Nations life.
4. To understand the correlation of Indian Constitution and Education.

**Course Content**

**Unit – I Introduction to Indian Constitution**

- a) Meaning of Constitution, Kinds/types of Constitution
- b) Preamble of Indian Constitution, Philosophy of Preamble
- c) Outstanding features of Indian Constitution
- d) Citizenship
- e) Fundamental Right and Fundamental Duties

**Unit – II Process of Education**

- a) Nature of constitutions and interactions involves in the Education – Learner Environment, School practices with life outside the school, subject knowledge with real life experience of the learner, knowledge and practices, knowledge & pedagogy, ICT & teaching learning process, school knowledge with community knowledge.
- b) Objectives of Education: molding leadership for different walks of life, self-sufficiency in life; linking education with life.
- c) Linking teacher education with school education

**Unit – III Why constitution is necessary in Nation's life?**

- a) Welfare of citizen
- b) Foreign policy
- c) Governance at national and constitutional state level
- d) Basic foundation of laws, acts, statues, rules etc. making
- e) Role of constitution in judiciary i.e. active implementation of laws & interpretation of statutes.
- f) Indian constitution as the ground norm of state.

**Unit – IV Correlation of constitution with Education**

- a) Values of save reignite, socialism, secularism, democracy, republican character, Justice, Liberty, Equality, Fraternity, Dignity of the individual, unity & integrity of the nation as

mentioned in the preamble of Indian constitution. These values are adopted as the very basis of Indian Education system and public life.

- b) Important Articles in Constitution related to Education:
- c) Art. 45 of Indian constitution – Free and compulsory primary Education
- d) Art. 21 A – Right to Education, in right to life.
- e) Art. 29 & 30 – right of Minorities to conserve their culture, language & script to establish and administer educational institutions of their choice.
- f) Art. 25 to 28 – the right against exploitation, prohibiting all forms of forced labour, child labour & traffic in human being.
- g) Art. 32 – The right to constitutional remedies for the enforcement of all these fundamental rights.
- h) Fundamental Duties under Art. 51 A of Indian constitution.
- i) Art. 308-323B – Services under the Union & states
- j) Art. 14 – Equality before Law
- k) Art. 17 – Abolition of untouchability
- l) Art. 18 – Abolition of Titles
- m) Art. 341 & 342 – special provisions for SC/ST and other backward classes for their upliftment
- n) Role of Teacher in creating awareness of Indian constitution among the student community

**Sessional work:(Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

**(10 Marks)**

The students may undertake **any Two** of the following activities: **(05 Marks Each)**

- Preparing & developing a seminar on Indian constitution and Education followed by group discussion and presenting the report.
- Interviewing a constitutional expert (Judge, practicing Lawyer, professor in indian constitution, police prosecutor etc.) so as to derive knowledge of Indian constitution with different aspects including the field of education and presenting the report.
- Preparation of a power point presentation on different topics like education as fundamental right, scope of right to life as mentioned under Art. 21 of Indian constitution, universalization of primary education, fundamental duties, significance of preamble, constitution remedies under Art. 32 etc. followed by the group discussion and presenting the report.
- Organizing Rallies, street plays, documentary shows, public reading of preamble, aswell as seminars, conference, workshops, guest lectures, group discussion sessions etc. for spread/dissemination of awareness regarding Indian constitution.

**Reference:**

- Basu D.D. (1994): introduction to the constitution of India, New Delhi: PH. Pvt. Ltd.
- Kashyap, Subhash (1994): Our Constitution: An Introduction to India's constitution & constitutional Law: New Delhi, National Book Trust.

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Indian Constitution and Education**  
**CourseD-06**

**II: Human Rights and Education**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

- To understand the concept of Human Rights.
- To understand the Scope and approaches of teaching Human Right Education.
- Identify and understand the Human Right Education Organizations.
- Understand the women, Labour and consumer rights.

**Unit I: Human Rights in Theoretical perspectives**

- a) Evolution of Human rights.
- b) Foundations of Human rights.
- c) Historical background of Human Rights.
- d) Concept, need and importance of Human rights.
- e) Classification of Human Rights and Constitutional provisions on Human Rights in
- f) India.

**Unit II: Human Right Education**

- a) Concept of Human Right Education.
- b) Aims and objectives of Human Right Education.
- c) Teacher and Human Right education.
- d) Strategies and approaches of teaching Human Right Education.
- e) Agencies promoting Human Right in India: NHRC, NGO's and Media

**Unit -III: Human Right Education and Organizations**

- a) Human Right Education through curriculum
- b) Human Right Education for Child, Women and Others backward classes
- c) Role of United Nations Organization (UNO); National Human Rights Commission and Non-Governmental Organization in development of Human Right Education

**UNIT-IV Education for Human Rights**

- a) Concept and Scope of Women Rights
- b) Concept and Scope of Labour Rights
- c) Concept and Scope of Consumer Rights
- d) Obstacles and barriers in implementing Human Rights.

**Sessional work:(Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

**(10 Marks)**

The students may undertake **any Two** of the following activities: **(05 Marks Each)**

- Study the awareness about Human Right in Society and prepare report.
- Collect the information about Human Right Education and prepare Human Right orientation Programme for students.
- Prepare the report of present scenario of India about Human Right.
- Identify the role of Indian Government about Human Right and prepare the power point presentation of it.

**Reference:**

- Begum, S.M., *Human Rights in India*, New Delhi : A.P.H. Publishing Corporation.
- Lawsan, E. *Encyclopaedia of Human Rights*, USA : Taylor and Francies
- Freedom, S. *Discriminations & Human Rights*, New York: Oxford University Press.
- Agrawal, H. O. *Human Rights*, Allahabad : Central Law Publication.
- *Human rights: a Source book*, New Delhi: NCERT

**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Indian Constitution and Education**  
**CourseD-06**

**III: Right to Education and articles related to Education**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

- To understand the concept of Right to Education.
- To understand the Right to Education and children.
- To understand the Right to Education and school.
- To understand the duties and responsibilities mentioned in Right to Education.

**Unit – I Right To Education**

- a) Meaning of the Right of Children to Free and Compulsory Education
- b) Right to Education In Maharashtra
- c) Scope & Importance of RTE
- d) Different Aspects of RTE

**Unit – II RTE and Children**

- a) Children Access and RTE
- b) Children Quality and RTE
- c) Migrate Children and RTE
- d) Children with Disabilities and RTE
- e) Protection of right of children's

**Unit – III RTE and School**

- a) Quality Inputs and RTE
- b) Quality Processes and RTE
- c) Quality Outputs and RTE
- d) Commitment to Quality and RTE

**Unit – IV Duties & responsibilities mentioned in RTE**

- a) Duties of appropriate government authorities
- b) Duties of local authorities
- c) Parents Duties
- d) Responsibilities of Teachers
- e) Responsibilities of Head Masters

f) Responsibilities of Schools

**Sessional work:(Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

**(10 Marks)**

The students may undertake **any Two** of the following activities: **(05 Marks Each)**

- Study the RTE act and write your thoughts and views about RTE.
- Prepare a Questionnaire and collect the data from school Head master or Teacher about RTE.
- Prepare report about duties of local authorities and prepare the report.
- Study of any one school for implementation of RTE 2009 and prepare the report.

**Reference:**

- The Gazette of India: New Delhi, Thursday, August 27, 2009
- Begum, S.M., *Human Rights in India*, New Delhi : A.P.H. Publishing Corporation.
- Lawsan, E. *Encyclopaedia of Human Rights*, USA : Taylor and Francies
- Freedom, S. *Discriminations & Human Rights*, New York: Oxford University Press.
- Agrawal, H. O. *Human Rights*, Allahabad : Central Law Publication.
- *Human rights: a Source book*, New Delhi: NCERT
- Basu D.D. (1994): introduction to the constitution of India, New Delhi: PH. Pvt. Ltd.
- Kashyap, Subhash (1994): *Our Constitution: An Introduction to India's constitution & constitutional Law*: New Delhi, National Book Trust.



**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Guidance and Counseling**  
**CourseD-07**

**I: Introduction to Guidance and Counseling**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives:**

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

1. Understand the meaning, nature and scope of guidance
2. Understand the meaning of and the need for group guidance
3. Recognize the role of guidance in attaining the goals of education
4. Appreciate the need for guidance
5. Develop acquaintance with various techniques of group guidance
6. Understand the meaning, nature and scope of counseling
7. Appreciate the need for and goals of counseling
8. Analyze the relationship between guidance and counseling
9. Understand the concept and process of counseling in group situation
10. Recognize the different areas of counseling
11. Understand the various stages involved in the process of counseling
12. Appreciate the importance of counseling relationship
13. Become acquainted with the skills and qualities of an effective counselor.
14. Understand the essential services involved in school guidance programme
15. Understand the resources required and their optimum use in managing a school guidance programme
16. Be aware of about the constitution, role and function of the school guidance committee,
17. Understand the concept and theories of career development and their utility in understanding and career behavior of students,
18. acquire knowledge and skills for collecting, compiling and disseminating career information,
19. understand the concept of career pattern in relation to life stages,
20. develop insights into the complexities involved in the choice of career in view of clients' personal characteristics and available outside opportunities,
21. analyze the process of career development pattern in a particular socio-cultural context,
22. develop the ability to use or adopt career theories in understanding career behavior of students in career counseling situations,
23. Know the forms of in which the career information is available from different sources with its merits and limitations and ability to examine and appraise the information for intelligent use

24. Gain first-hand experience of carrying out the different guidance and counseling activities such as group guidance, psychological test administration and record preparation, counseling and career guidance

### **Course Content**

#### **Unit I- Understanding Educational and Career Guidance**

- a) Meaning and Definitions, Objectives of guidance: self-understanding, self-discovery, self-reliance, self-direction, self-actualization, Scope of guidance programme
- b) Needs for Guidance at various levels of education/schooling
- c) School Guidance: a collaborative effort of school and community
- d) Organization of Guidance programmes in schools,
- e) Career development needs of the students
- f) Career development process; factors affecting career development
- g) Types of Guidance: Educational, Vocational/Career and Personal
- h) Individual guidance and group guidance; advantages of group guidance
- i) Group guidance techniques: class talk, career talk, orientation talk, group discussion, career conference, career corner, bulletin board, role play.

#### **Unit II - Essential Services in Educational Guidance Programme**

- a) Types of guidance services: orientation, information, counseling, placement, Follow-up, and research & evaluation
- b) Resources required for organizing guidance services
- c) School guidance committee: constitution, roles and functions
- d) Placement services
- e) Role of principal and teachers in school guidance programmes.

#### **Unit III- Understanding Counseling**

- b) Meaning & nature of counseling, Scope of counseling, Objectives of counseling: resolution of problems, modification of behaviour, promotion of mental health
- c) Relationship between guidance and counseling
- d) Place of counseling in the total guidance programme
- e) Stages of the counseling process
- f) Counseling Techniques-person centred and group centred, cognitive interventions, behavioral interventions, and systematic interventions strategies.
- g) Skills and qualities of an effective counselor
- h) Professional ethics

#### **Unit IV- Types and Areas of Counseling**

- a) Uses of group process in counseling, Process of group counseling
- b) Areas of counseling: family counseling, parental counseling, adolescent counseling, counseling of girls, counseling of children belonging to special groups
- c) Peer counseling: Its concept and the relevance to the Indian situation.
- d) Steps and skills in group counseling process

### **Transactional Mode**

Group discussion, lecture-cum –discussion, panel discussion, symposium, presentation of reports, reading of research journals, school visits and sharing of experiences, presentation of case studies etc.

Group discussion, lecture-cum –discussion, panel discussion, symposium, reports, research journals, school visits and sharing of experiences, conduct of case studies followed by presentation in seminar, organization of counseling session and observation of the activities, projects and assignment focusing on observation and interaction with children and adolescent.

### **Sessional work:(Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

The students may undertake **any one** of the following activities:(**05 Marks**)

- Identification of the cases for counseling
- Exploring the possibilities for peer counseling in the institutions
- Working with the counselor, clients and writing a report on the process of counselling.

#### **Sessional Work:**

The students may undertake **any one** of the following activities:(**05 Marks**)

- Conduct a survey of the problems that are most prevalent in schools, which need immediate attention of a guidance counselor and prepare a brief report.
- Prepare a detailed outline of a class talk on ‘Need for guidance services in schools’.
- Prepare a Cumulative Record Card plan and enlist the important areas on which the information may be recorded
- Prepare a list of resources required for setting up a guidance-oriented curriculum.
- Administer and score a ‘Students Problem Checklist’ and prepare a report.

#### **Sessional Work:**

The student- teachers may undertake **any one** of the following activities:(**10 Marks Each**)

- Case study highlighting the different life stages and the factors affecting the career patterns.
- Plan career information activities for primary, upper primary, secondary and higher secondary school stages.
- Design a questionnaire for conducting follow-up study of school dropouts or community educational survey or community occupational survey and collect information from about five to ten students/agencies.
- Develop a scheme of career information suitable for class XIIth students.

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**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area: Guidance and Counseling**

**CourseD-07**

**II: School Guidance Programme**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

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

1. Develop understanding about the nature, process, underlying assumptions and principles of psychological assessment and appraisal.
2. Gain insight into different techniques of psychological assessment; their nature, scope and application in guidance and counseling
3. Develop knowledge and understanding of the major psychological concepts such as intelligence, aptitude, achievement, personality, interest and their assessment for providing guidance and counseling
4. Develop skills for administering, scoring, interpreting and analyzing test results.

**Course Content**

**Unit I Guidance and Assessment of Students with behavioral Problems**

- a) Nature and causes of behavioral problems; guidance of students
- b) Underachievement; guidance of students
- c) School discipline-problems of violence, bullying, drug abuse, truancy, and dropout etc.- guidance of students
- d) Developing coping skills-nature of stress and its causes, consequences of stress, and types of coping skills,
- e) Promoting psychological well-being and peace through school based guidance programmes.

**Unit II- Guidance and Assessment of Students with Special Abilities and Needs**

- a) Students with special abilities and needs-concept and identification process.
- b) Guidance for gifted and creative students.
- c) Guidance for socially and economically disadvantaged students
- d) Guidance for physically and intellectually challenged students
- e) Delinquency among students-causes, identification, and guidance for Delinquent students.
- f) Follow-up guidance

**Unit III- Assessment and Appraisal in Guidance and Counselling**

- a) Concept of assessment and appraisal
- b) Nature and importance of assessment and appraisal in Guidance and Counselling
- c) Assumptions and principles of assessment and appraisal

- d) Issues in psychological testing; distinction between testing and non-testing techniques
- e) Characteristics of a good psychological test
- f) Procedure of construction, administration, scoring and interpretation of psychological tests

#### **UNIT IV Qualitative Techniques for Assessment & Assessing Individual Differences**

- a) Need and importance of qualitative assessment
- b) Tools for qualitative assessment: observation, interview, anecdotal records, case study, autobiography, rating scale, sociometry
- c) Procedure of development, administration, scoring and interpretation through qualitative assessment
- d) Concept of Intelligence: changing perspective
- e) Assessment of intelligence
- f) Concept of Aptitude; assessment of aptitude
- g) Teacher-made and Standardized Achievement test
- h) Concept of personality; methods of personality assessment
- i) Importance of assessing interest for educational and vocational guidance

#### **Transactional Mode**

Group discussion, lecture-cum –discussion, panel discussion, symposium, reports, research journals, school visits and sharing of experiences

#### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

- The student-teacher may undertake **any Two** of the following activities: **(05 Marks Each)**
- Draw a plan for the assessment of ability, aptitude, interest or personality of students.
- Explore two tests, one each for the assessment of intelligence and aptitude at the elementary and secondary stage through different sources and prepare critical write-ups.
- Prepare a script of a session with a client student communicating either low ability or high ability scores highlighting the skills used by you in the session.
- Prepare a sociometric test. Administer the test on a group of students.
- Draw a sociogram and describe in details the group climate.

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**M. Ed. Second Year**  
**Semester IV (Specialization Course)**  
**Specialization Area:Guidance and Counseling**  
**CourseD-07**

**III: Career Development and Guidance**

**Credits: 04**

**Maximum Marks: 100**

**Internal: 20**

**External: 80**

**Objectives**

On completion of this course the students will be able to

1. Understand the concept and theories of career development and their utility in understanding Career Behavior of students,
- 2.Acquire knowledge and skills of collecting, compiling and disseminating career information,
3. Understand the concept of career pattern in relation to life stages,
- 4.Insights into the complexities involved in the choice of career in view of clients' personal characteristics and available outside opportunities,
- 5.Level of the ability to analyze development in the process of career development to identify a typical development pattern in a particular socio-cultural context,
6. Develop the ability to use or adopt career theories in understanding career behavior of students in career counseling situations,
7. Knowledge the sources of career information and variety of forms of in which the career information is available from different sources with its merits and limitations and ability to examine and appraise the information for intelligent use.

**Course Content**

**Unit I - Understanding Career Development**

- a) Concept of Work: physical, psychological and sociological; work as a way of life;
- b) Work and human motives
- c) Career development needs of students (at different stages of education)
- d) Career development process; factors affecting career development

**Unit II- Perspectives on Career Development**

- a) Theories of career development (some basic concepts, applicability and limitations of each theory)
- b) Trait Factor Theory
- c) Roe's theory of personality development and career choice
- d) Holland's career theory of personality types and work environment
- e) Super's life span/life space approach to career development

**Unit III Understanding Career Information**

- a) Importance of career information;
- b) Dimensions of career information: nature of work, working conditions, entry requirements, earning, growth opportunities etc.
- c) Primary and secondary sources of information; Filing of career information
- d) Dissemination of career information: Group techniques-objectives, advantages and limitations.

- e) Group activities: career talks, career conference/exhibition, displays field trips, film shows etc.
- f) Integration of career information into teaching of subject matter.

#### **Unit IV- Career Patterns & Career Adjustment and Maturity**

- a) Concept of career pattern, career awareness, career exploration and career preparation.
- b) Career pattern of men and women and implications for counseling.
- c) Economic development and career opportunities.
- d) Concept of career adjustment and career maturity
- e) Factors affecting career maturity
- f) Assessment of career maturity

#### **Transactional Mode**

Group discussion, Lecture-cum –discussion, Panel discussion, Symposium, Reports, Research Journals, School visits and sharing of experiences

#### **Sessional Work: (Total Marks 20)**

- The student may write one tutorial question out of three prepared tutorial questions.

#### **(10 Marks)**

- The students may undertake any one of the following activities: **(05 Marks Each)**
- Case study highlighting the different life stages and the factors affecting the career patterns.
- Plan career information activities for primary, upper primary, secondary and higher secondary school stages.
- Design a questionnaire for conducting follow up study of school dropouts or community educational survey or community occupational survey and collect information from about five to ten students/agencies.
- Develop a scheme of career information suitable for class XIIth students.

#### **References**

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## **M. Ed. Second Year**

### **Semester IV**

**Enhancement of Professional Capacities and Internal semester Break**

**CourseD-08: Dissertation: Collection and Analysis of data**

**Credits: 02**

**Maximum Marks: 50**

**Internal: 50**

- The Evaluation Structure is as follows:

<b>Sr. No.</b>	<b>Particular</b>	<b>Marks</b>
01	Data Collection schedule	10
02	Actual Data collection Process	10
03	Use of Technology for collection and analysis of	10
04	Selection of statistics for analysis and understanding	10
05	Actual Data Analysis process	10
<b>TOTAL MARKS</b>		<b>50</b>

## M. Ed. Second Year

### Semester IV

#### Enhancement of Professional Capacities and Internal semester Break

#### CourseD-09: Dissertation: Writing and submission of dissertation

**Credits: 02**

**Maximum Marks: 50**

**Internal: 50**

- i. Every M.Ed. student shall do the Dissertation work individually under the supervision of a Teacher Educator.
- ii. The Dissertation work and supervisor shall be assigned to the student by the Department/ Institution during the II<sup>nd</sup> semester to enable the student to plan and carry out the work during III semester.
- iii. The Dissertation work is assigned 2 credits and evaluated for 50 marks.
- iv. The Dissertation work must be submitted and evaluated during the IV<sup>th</sup> Semester. The student will be issued hall ticket to appear for the IV Semester end Theory Examinations only on evaluation of Dissertation.
- v. The Dissertation must be typed and be limited to 75 to 150 pages of A4 size. The font size is 12 points in Times New Roman with single and half line space. The margins shall be 1.0" on all the 3 sides while the left side (Binding side) it is 1.5". The Format and Guidelines should be according to the American Psychological Association (APA).
- vi. The pass marks in Dissertation shall be 50%.
  - The Evaluation Structure is as follows:

Sr. No.	Particular	Marks
01	Primary Pages (Title page, Certificates, acknowledgement, Index, List of tables / graphs / diagrams / abbreviations etc.)	05
02	Chapter I (Introduction, objectives, need, importance, scope, limitations, operational definitions, assumptions, hypothesis, research questions etc.)	05
03	Chapter II (Related literature & research, similarity and differences, online references etc.)	05
04	Chapter III (Research procedure, population, sampling, tools and pilot study etc.)	05
05	Chapter IV (Data collection, analysis, interpretation, hypothesis testing etc.)	05
06	Chapter V (summary, conclusions, recommendations, topics for further research etc.)	05
07	References and Bibliography (APA style)	05
08	Enclosures	05

09	Research dissertation typing and binding	05
10	Overall impact of dissertation	05
<b>TOTAL MARKS</b>		<b>50</b>

## M. Ed. Second Year

### Semester IV

#### Enhancement of Professional Capacities and Internal semester Break

#### CourseD-10: Viva Voce

**Credits: 04**

**Maximum Marks: 100**

**Internal: 100**

1. Dissertation work shall be evaluated by an external and one internal examiner which are followed by presentation of work and Viva-Voce.
2. The Viva-Voce shall be conducted by Solapur University, Solapur.
3. The Evaluation Structure is as follows:

Sr. No.	Particular	Marks
01	Self-Presentation	20
02	Basic Knowledge of research	20
03	Clarity of research work	20
04	Answering capacity	20
05	Total Impact	20
<b>TOTAL MARKS</b>		<b>100</b>

**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**



NAAC Accredited-2015  
'B' Grade (CGPA 2.62)

Name of the Course Syllabus:-

**M.P.Ed.**  
**( Master of Physical Education )**

With effect from :-

**June- 2021**

**80/20**

## **1. Objectives**

1. To develop highly profile scholars in the Field of Physical Education.
2. To make perfection in competencies and skills needed to become professionals in the areas of specialization.
3. To be aware of emerging issues such as health, fitness, wellness and technology.
4. To develop the students critical mind and ability to employ reasoning, rational thinking of the problems and issues relating the field.
5. To provide opportunity for entrepreneurship, self expression and provide information on continued professional growth.

## **2. Eligibilities of Admission**

The candidate should be an Indian National and should have passed Bachelor's Degree in Physical Education (B.P.Ed.) or equivalent with at least 50% of Marks (Minimum 45% marks in case of Backward Class Categories belonging only to Maharashtra State)

**OR**

The candidate should have passed Bachelor's Degree of Science (B.Sc.) in Health and Physical Education with at least 50% marks (Minimum 45% marks in case of Backward Class Categories belonging only to Maharashtra State) .

The candidate belonging to SC/ST, DT/VJ, NT (A), NT (B), NT(C), NT(D), OBC and SBC categories should produce "Caste Certificate" issued by the Competent Authority and the candidates belonging to ST category should submit "Tribe Validity Certificate" issued by the Scrutiny Committee of Tribal Department along with Caste certificate. Candidates belonging to DT/VJ, NT (A), NT (B), NT(C), NT(D), OBC and SBC should submit Valid Non Creamy Layer Certificate valid upto 31st March 2020 as applicable at the time of verification of Documents/Admission. Candidates belonging to SC,DT-VJ, NT-1,2,3, OBC and SBC will have to produce Caste Validity certificate. Candidates belonging to Maharashtra State belonging to above categories having **Caste Certificate, Caste Validity and Non-Creamy Layer Certificate** as applicable should only apply under respective category, otherwise they should apply under Open-General Category.

### **Admission Procedure**

Admission shall be charge only such fees as prescribed by the affiliating body / State Government concerned in accordance with provisions of National Council for Teacher Education (NCTE) (Guidelines for regulations of tuition fee and other fees chargeable by unaided teacher education institutions Regulations. 2002 as amended from time to time and shall not charge donations, capitation fee etc. from the students.

## **3. Duration of the Course**

The M.P.Ed. Programme shall be of a duration of two academic years, that is FOUR SEMESTER. However the students shall be permitted to complete the programme with the maximum period of three years. this period can be extended up to two more year . (i.e five years)

#### 4. Working Days

1. There shall be at least 200 working days in each academic year / one hundred working days in each semester exclusive of period of examination and admission etc.
2. The institution shall work for a minimum of thirty six hours in a week (five of six days a week) during which physical presence in the institution of all the teachers and teacher educators is necessary to ensure their availability for advice guidance and consultation, as and when needed.

#### 5. Credits

The term credit refers to a unit y which the programme is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or one and half / two hours of practical work/ field work per week. The term credit refers to the weight given to a course, usually in relation to the instructional hours assigned to it. The total minimum credits, required for completing M.P.Ed. programme is 90 credits and for each semester 20 credits.

#### Provision of Bonus credits Maximum 06 Credits in each Semester

Sr.No	Special Credits for Extra Co-Curricular Activities	Credit
1	Sports Achievement at State level Competition (Medal Winner)	1
	Sports Achievement National level Competition (Medal Winner)	2
	Sports participation International Level Competition	4
2	Inter Uni. Participation (Any one game)	2
3	Inter College Participation (Min, Two games)	1
4	Blood donation / Cleanliness drive / Community Services	2
5	Mountaineering- Basic Camp, Advance Camp / Adventure Activities	2
6	Organization /Officiating-state/National level in any two games	2
7	News Reposting / Article Writing / book writing/ progress report writing	1

Students can earn maximum 06 Bonus credits in each semester by his/her participation in the above mentioned activities duly certified by the Head of the institution / Department. This Bonus credit will be used only to compensate loss of credits in academic activities.

#### 6. Internal Assessment



**Internal assessment marks shall be awarded on the basis of the following**

**a) Theory Break up of 20 Seasonal marks of theory papers shall be as follows**

Attendance	05 Marks
One Seminar	05 Marks
Assignments	05 Marks
Test ( Two )	05 Marks
Total	20 Marks

**b) Specialization:** Seasonal marks of specialization are awarded on the basis of Regularity, imitative in learning, knowledge of rules, officiating and coaching, demonstration of skills and movements.

**c) Dissertation:** A candidate shall choose area of research of his choice in consultation with the guide and submit the dissertation preferably, experimental / quasi experimental, further he can make use of the pedagogy to collect the data required. He should submit the desertion to the Office, before one month prior to the fourth semester examination. There shall be an internal Viva-voce for twenty marks for each to be conducted by the departmental council with one external subject expert.

**d) Pedagogy:** A candidate shall select the area of specialization of his choice keeping in mind the specialization opted in previous semester and shall select the school and preferably teacher training institutions B.P.Ed., to coach and train the skills. Further he has to submit the workbook along with the satisfactory report from the head of the Institution in Coaching; the duration of the pedagogy is as per the NCTE norms.

## **7. Attendance, Progress and conduct**

Attendance shall be taken as a component of continuous assessment, even though the students should have **minimum 75% attendance** in each course. In addition to continuous evaluation component, the end semester examination, which will be **written type examination of at least 3 hours duration** and for **specialization examination duration is 1 hours** would also form an integral component of the evaluation. The ratio of marks to be allotted to continuous internal assessment and to end semester examination is **20:80**. The evaluation of practical work, whenever applicable, will also be based on continuous internal assessment and on an end-semester practical examination.

## **8. Appearance for the Examination:**

Candidates on satisfactorily completing a semester shall apply for examination in all the courses of study papers prescribed for that semester.

## **9. Scheme of Examination:**

There shall be a university examination at the end of each semester. the scheme of Examination shall be as follows:

**a. Theory:** Each paper shall be valued by University appointed examiner.

**b. Specialization:** Evaluation in specialization shall be done by two examiners, one internal and one external as per the following scheme. The average of the two shall be credited.

i) Demonstration of skills/ techniques/ movements	25 marks
ii) Coaching ability	25 marks
iii) Specialization Record	15 marks
iv) Viva-Voce	15 marks
Total	<b>80 marks</b>

**c. Dissertation:** Evaluation of dissertation shall be done for 80 marks by University Examination.

**Note : - Whenever assessment is made for two games / activity the 50% of the above marks shall be divided for the evaluation of the each game / activity.**

Practicum / game specialization / game coaching / internship / Classroom teaching will be the internal evaluation, the Evaluation is purely based on the attendance, ability of the teacher and competency in handling the classes ( Classroom and Field Coaching, Training). It will be evaluated by the Head master of the School, Subject Expert from the school, one faculty member from the university / Department / College. The evaluation will be done immediately after the class by the above said committee. The assessment will be done for 80 marks, in each semester as per the regulation.

For smooth conduct of University practical examination the college should appoint one organizer & two peons and they should be paid local conveyance allowance & Remuneration by the university.

For theory examination an overall chairman must be appointed. For practical examination an overall chairman and senior examiner must be appointed.

## 10. Course

The course content lecturer / Tutorials / Laboratory work / Field work/ Outreach Activities / Project Work/ Vocational Training / VIVA / Seminars / Term Papers / Assignments / Presentations / Self-Study etc. or a combination of some of these.

## 11. Course of Programme

The M.P.Ed. Programme consists of a number of courses, the term 'Course' applied to indicate a logical part of subject matter of the programme and is invariably equivalent to the subject matter of a paper in the conventional sense. The following are the various categories of courses suggested for the M.P.Ed. Programme.

### A. Theory

- 1) Core Course
- 2) Elective Course

### B. Practicum

- 1) Compulsory Course (Track and Field)
- 2) Elective Course
- 3) Teaching / Coaching Practices
- 4) Internship

### **Semesters:**

An academic year is divided into two semesters. Each semester will consist of 17-20 weeks of academic work equivalent to 100 actual teaching days. The institution shall work for a minimum of 36 working hours in a week (Five or six days a week)

## **12. Fee**

The institution shall charge only fee as prescribed by the affiliating body / State government concerned in accordance with provision of N.C.T.E. Guideline and as per University Guidance .

## **13. Standard of passing**

1. To pass in any one of the semester of M.P.Ed Examination a candidate shall have to obtain at least 50% of marks in each theory paper and 50% in practical ( Internal as well as External).

i. To pass M.P.Ed in 2<sup>nd</sup> class: 50% and above but below 55% in aggregate.

ii. To pass Higher Second class: 55% and above but below 60% in aggregate.

iii. To pass First class: 60% and above but below 70% in aggregate.

iv. To pass Distinction: 70% and above in aggregate.

- I. **If the student fail or absent in semester I** - if the student is fail or absent in any theory paper or university practical exam He / She is allow to appear in semester – II University examination.
- II. **If the student who is fail or absent in semester I & II**, theory & practical will be allow to appear semester – III University examination, He/ She need not to appear for internal assessment (theory & practical) of semester I & II.(If He/ she passed internal theory and practical.)
- III. **If the student who is fail or absent in semester – I, II** he/ she will be not given permission in semester – IV University examination. He / she should passed semester-I, II internal assessment & University examination.
- IV. **If the student who is fails or absent in semester I & II**, theory & practical will be given admission in semester III. He/she need not appear for internal assessment (theory & practical) of semester I & II.
- V. **If the student who is fail or absent in semester III**, in theory and practical, he, she is eligible to take admission to the semester IV and he/she can given examination in University theory and practical together of semester III and IV.

## **14. Lesson**

A minimum of 32 lessons (Internal work) in the School / College/ institution / department shall be conducted.

### **M. P. Ed. I Semester:- I**

<b>Semester</b>	<b>Course Code</b>	<b>Title of the Practical</b>	<b>Internal Work &amp; Marks</b>	<b>External Exam &amp; Marks</b>	<b>Total Marks</b>
I	MPPC 101	Track & Field - I ( Sprint , Middle , Long distance run, Javelin Throw, High Jump )	20	80	100
I	MPPC 102	Game Specialization-I ( Any one game mentioned below )	20 (4 Lesson)	80 (1 Lesson)	100
I	MPPC 103	Yoga ( Performance in Asanas , Kriyas , Bandhas & Pranayama) /Aerobics /Taekwondo/Marshal Arts (Performance in any one of the above)	20	80	100
I	MPPC 104	Class room teaching lessons on Track & Field (any one event)	20 ( 4 Lesson)	80 ( 1 Lesson)	100

### **M. P. Ed. I Semester:- II**

<b>Semester</b>	<b>Course Code</b>	<b>Title of the Practical</b>	<b>Internal Work &amp; Marks</b>	<b>External Exam &amp; Marks</b>	<b>Total Marks</b>
II	MPPC 201	Track & Field-II ( Shot Put, Triple Jump ) ( Performance in any one Event), Swimming	20	80	100
II	MPPC 202	Game Specialization-II ( Any one game mentioned below )	20	80	100
II	MPPC 203	Teaching Lesson on Track and Field Sem. I /Sem. II	20 ( 4 Lesson)	80 ( 1 Lesson)	100
II	MPPC 204	Teaching & Officiating Lesson on Specialization-II	20 ( 4 Lesson)	80 ( 1 Lesson)	100

### M. P. Ed. II Semester:- III

Semester	Course Code	Title of the Practical	Internal Work & Marks	External Exam & Marks	Total Marks
III	MPPC 301	<b>Skill Oriented Course-</b> 1. Certificate course in Physical Fitness and Wellness Trainer – OR- 2. Certificate course in Open Gym Instructor	100	00	100
III	MPPC 302	Game Specialization-III ( Any one game mentioned below )	20	80	100
III	MPPC 303	Coaching Lesson on Specialization Game -III	20 ( 4 Lesson)	80 ( 1 Lesson)	100
III	MPPC 304	Internship / Classroom Teaching on Specialization – Pedagogy	20 ( 4 Lesson)	80 ( 1 Lesson)	100

### M. P. Ed. II Semester: - IV

Semester	Course Code	Title of the Practical	Internal Work & Marks	External Exam & Marks	Total Marks
IV	MPPC 401	Track & Field-IV (Relays, Hurdle, Discus ,Hammer Throw , Pole vault, Long Jump) (Performance in two Events)	20	80	100
IV	MPPC 402	Game Specialization-IV ( Any one game mentioned below )	20	80	100
IV	MPPC 403	Coaching Lessons of Track & Field-Sem.-IV	20 ( 4 Lesson)	80 ( 1 Lesson)	100
IV	MPPC 404	Coaching Lessons of Game Specialization-IV	20 ( 4 Lesson)	80 ( 1 Lesson)	100

**Note: Every Semester one game should be selected as specialization and it should not be repeated in other Semester.( i.e. Four games should be selected as Specialization)**

**List of Specialization Game:-**

Kabaddi	Kho-Kho	Volleyball	Handball	Softball	Baseball	Hockey	Football
Table Tennis	Lawn Tennis	Badminton	Basketball	Cricket	Wrestling	Netball	Squash

**NOTE:-External Exam -Each lesson carry 80 Marks & Duration of Lesson is 40 minutes**

## CONDUCT OF PRACTICAL EXAMINATION

Examiners should be paid local conveyance allowance, remuneration and T.A D.A by the University

**Note: The candidate are allowed to answer the question in English / Hindi /Marathi**

### **16. Grievance Redressed Committee:**

The college / department shall form a Grievance Redressed Committee for each course in each college / department with the course teacher / principal/ Director and HOD of the faculty as the members. This committee shall solve all grievances of the students.

### **17. Revision of Syllabus**

1. Syllabus of every course should be revised according to the NCTE.
2. Revised syllabus of each semester should be implemented in a sequential way.
3. In courses, where units / topics related to governmental provisions, regulations or laws, that change to accommodate the latest developments, Changes or corrections are to be made consequentially as recommended by the Academic Council.
4. All formalities for revisions in the syllabus should be completed before the end of the semester for implementation of the revised syllabus in the next academic year.
5. During every revision, up to twenty percent of the syllabus of each course should be changed so as to ensure the appearance of the student who have studied the old (unrevised) syllabus without any difficulties in the examinations of revised syllabus.
6. In case, the syllabus of any course is carried forward without any revision, it shall also be counted as revised in the revised syllabus.

**Master of Physical Education Degree Programme - 2020-21**

<b>M. P. Ed. I SEMESTER - I</b>							
<b>Theory 400</b>							
<b>Paper Code</b>	<b>Papers</b>	<b>Instruction hrs/week</b>	<b>Duration of Exam (Hrs)</b>	<b>CA-IA</b>	<b>UA-Theory/Practical</b>	<b>Total Marks</b>	<b>Credits</b>
MPCC 101	Research Process in Physical Education & Sports Sciences	3 hrs	3 hrs	20	80	100	4
MPCC 102	Physiology of Exercises	3 hrs	3 hrs	20	80	100	4
MPCC 103	Yogic Sciences	3 hrs	3 hrs	20	80	100	4
MPEC 104	1)Test, Measurement and Evaluation in Physical Education -	3 hrs	3 hrs	20	80	100	4
MPEC 104	OR- 2)Sports Technology						
<b>Practicum 400</b>							
MPPC 101	Track & Field - I ( Sprint , Middle , Long distance run, Javelin Throw, High Jump )	6 hrs	3 hrs	20	80	100	4
MPPC 102	Game Specialization-I Individual Skills, Game situation, Officiating, Lead up games ( Any one game mentioned below )	6 hrs	3 hrs	20	80	100	4
MPPC 103	Yoga ( Performance in Asanas , Kriyas , Bandhas & Pranayama) /Aerobics /Taekwondo/Marshal Arts (Performance in any one of the above)	6 hrs	3 hrs	20	80	100	4
MPPC 104	Class room teaching lessons on <b>Track &amp; Field</b> (any one event)	6 hrs	3 hrs	20	80	100	4
<b>Grand Total</b>		<b>36 hrs</b>	<b>24 hrs</b>	<b>160</b>	<b>640</b>	<b>800</b>	<b>32</b>

<b>M. P. Ed. I SEMESTER - II</b>							
<b>Theory 400</b>							
<b>Paper Code</b>	<b>Papers</b>	<b>Instruction hrs/week</b>	<b>Duration of Exam (Hrs)</b>	<b>CA-IA</b>	<b>UA-Theory/ Practical</b>	<b>Total Marks</b>	<b>Credits</b>
MPCC 201	Applied statistics in Physical Education and Sports	3 hrs	3 hrs	20	80	100	4
MPCC 202	Sports Bio-mechanics and Kinesiology	3 hrs	3 hrs	20	80	100	4
MPCC 203	Athlete care and rehabilitation	3 hrs	3 hrs	20	80	100	4
MPEC 204	1)Sports Journalism and Mass Media	3 hrs	3 hrs	20	80	100	4
MPEC 204	<b>OR</b> 2)Sports Management and Curriculum design in Physical Education						
<b>Practicum 400</b>							
MPPC 201	Athletics ( Track and Field: II) Shot put, Triple Jump (Performance in any one event) Swimming	6 hrs	3 hrs	20	80	100	4
MPPC 202	Game Specialization-II Individual Skills, Game situation, Officiating, Lead up games ( Any one game mentioned below )	6 hrs	3 hrs	20	80	100	4
MPPC 203	Teaching Lesson on Track and Field SemI /Sem II	6 hrs	3 hrs	20	80	100	4
MPPC 204	Teaching & Officiating Lesson on <b>Specialization-II</b>	6 hrs	3 hrs	20	80	100	4
<b>Grand Total</b>		<b>36 hrs</b>	<b>24 hrs</b>	<b>160</b>	<b>640</b>	<b>800</b>	<b>32</b>



**M. P. Ed. II SEMESTER - III**

**Theory 400**

<b>Paper Code</b>	<b>Papers</b>	<b>Instruction hrs/week</b>	<b>Duration of Exam (Hrs)</b>	<b>CA-IA</b>	<b>UA Theory/ Practical</b>	<b>Total Marks</b>	<b>Credits</b>
MPCC 301	Scientific Principles of Sports Training	3 hrs	3 hrs	20	80	100	4
MPCC 302	Sports Medicine	3 hrs	3 hrs	20	80	100	4
MPCC 303	Health Education and Sports Nutrition	3 hrs	3 hrs	20	80	100	4
MPEC 304	1) Sports Engineering	3 hrs	3 hrs	20	80	100	4
MPEC 304	<b>OR</b> 2) Fitness and Wellness	3 hrs	3 hrs	20	80	100	4
<b>Practicum 400</b>							
MPPC 301	<b>Skill Oriented Course-</b> 1. Certificate course in Physical Fitness and Wellness Trainer – <b>OR-</b> 2. Certificate course in Open Gym Instructor	6 hrs	3 hrs	100	00	100	4
MPPC 302	Game Specialization-III Individual Skills, Game situation, Officiating, Lead up games (Any one game mentioned below )	6 hrs	3 hrs	20	80	100	4
MPPC 303 PL	Coaching Lesson on Specialization Game -III	6 hrs	3 hrs	20	80	100	4
MPPC 304 CT	Internship / Classroom Teaching on <b>Specialization</b> – Pedagogy	6 hrs	3 hrs	20	80	100	4
<b>Grand Total</b>		<b>36 hrs</b>	<b>24 hrs</b>	<b>160</b>	<b>640</b>	<b>800</b>	<b>32</b>

- PL– Particular Lesson Plan    CT – Classroom Teaching

**M. P. Ed. II SEMESTER - IV**

**Theory 400**

<b>Paper Code</b>	<b>Papers</b>	<b>Instruction hrs/week</b>	<b>Duration of Exam (Hrs)</b>	<b>CA-IA</b>	<b>UA-Theory / Practical</b>	<b>Total Marks</b>	<b>Credits</b>
MPCC 401	Information and Communication Technology in Physical Education (ICT)	3 hrs	3 hrs	20	80	100	4
MPCC 402	Sports psychology and Sports Sociology	3 hrs	3 hrs	20	80	100	4
MPCC 403	Dissertation	3 hrs	3 hrs	20	80	100	4
MPEC 404	1)Value and environmental Education <b>OR</b>	3 hrs	3 hrs	20	80	100	4
MPEC 404	2)Educational Technology in Physical Education						

**Practicum 400**

MPPC 401	Athletics- Track & Field-IV (Relays, Hurdle, Discus ,Hammer Throw , Pole vault, Long Jump) (Performance in two Events)	6 hrs	3 hrs	20	80	100	4
MPPC 402	Game Specialization :IV Individual Skills, Game situation, Officiating, Lead up games ( any one)	6 hrs	3 hrs	20	80	100	4
MPPC 403 PL	Coaching lessons of Track and Field Sem.III/Sem IV	6 hrs	3 hrs	20	80	100	4
MPPC 404 PL	Coaching lessons of Game Specialization IV	6 hrs	3 hrs	20	80	100	4
<b>Grand Total</b>		<b>36 hrs</b>	<b>24 hrs</b>	<b>160</b>	<b>640</b>	<b>800</b>	<b>32</b>

PL- Particular Lesson Plan

**List of Specialization Game:-**

Kabaddi	Kho-Kho	Volleyball	Handball	Softball	Baseball	Hockey	Football
Table Tennis	Lawn Tennis	Badminton	Basketball	Cricket	Wrestling	Netball	Squash

Note:1) **Sports and Educational tour should be organized by the college in any one semester to visit the sports centre in India.**

**2) Adventure activities or mass demonstration should be organized by the college in any one semester.**

**Structure of Question Paper**  
**M.P.Ed. Part I and II**  
**Effect from June 2020**

**Total Marks:- 80**

<b>Question No. 1</b>		<b>Choose the correct alternative.</b>	<b>10</b>
	<b>1</b>		
	<b>2</b>		
	<b>3</b>		
	<b>4</b>		
	<b>5</b>		
	<b>6</b>		
	<b>7</b>		
	<b>8</b>		
	<b>9</b>		
	<b>10</b>		
<b>Question No.2</b>		<b>Answer the following question.</b>	
	<b>A</b>		<b>10</b>
	<b>B</b>		<b>10</b>
<b>Question No.3</b>		<b>Answer the following question. ( any one )</b>	<b>15</b>
	<b>1</b>		
	<b>2</b>		
<b>Question No.4</b>		<b>Answer the following question. ( any one )</b>	<b>15</b>
	<b>1</b>		
	<b>2</b>		
<b>Question No.5</b>		<b>Write short notes. ( any four)</b>	<b>20</b>
	<b>1</b>		
	<b>2</b>		
	<b>3</b>		
	<b>4</b>		
	<b>5</b>		

**M. P. Ed. I Semester I**

Theory Courses

**MPCC-101**

**RESEARCH PROCESS IN PHYSICAL EDUCATION AND SPORTS SCIENCES**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**Unit I - Introduction**

Meaning and Definition of Research – Need, Nature and Scope of research in physical Education. Classification of research, Areas of research, Criteria for selection of a problem, Qualities of good researcher.

**Unit II – Review of related Literature**

Review of related Literature, Need and importance of reviewing the related literature, Library technique, Methods of reading abstracting the Materials.

**Unit III – Methods of Research and Tools of research**

Descriptive Methods of Research; Survey Study, Case Study, Introduction of Historical Research, Steps in Historical Research, Source of Historical Research: Primary Data and Secondary Data, Historical Criticism: Internal criticism and external Criticism. Experimental Research – Meaning, Nature and Importance, Meaning of variable, Types of variables. Experimental Design – single Group Design, Reverse Group Design, Repeated Measure Design, static Group Comparison Design, Equated Group Design and Factorial Design. Tools of Research - Questionnaire, interview, observation attitude scales etc.

**Unit IV – Sampling**

Meaning and Definition of Sample and Population. Types of Sampling; Probability Methods; systematic Sampling, Cluster sampling, Stratified Sampling. Area Sampling- multistage sampling. Non-Probability Methods; Convenience Sample, Judgment sampling, Quota Sampling.

**Unit V – Research Proposal and Report Writing**

Chapterization of Thesis / Dissertation, front Materials, Body of Thesis – Back materials. Method of Writing Research proposal, Thesis / Dissertation; Method of writing abstract and full paper for presenting in conference and to publish in journals, Mechanics of writing Research Report, webliography and Bibliography Writing.

## REFERENCE :

Best J. W (1971) Research in Education, New Jersey; Prentice Hall, Inc

Clarke David. H & Clarke H, Harrison (1984) Research processes in Physical Education, New Jersey; Prentice Hall Inc.

Craig Williams and Chris Wragg (2006) Data Analysis and Research for sport and Exercise Science, London Routledge press

Jerry R Thomas & Jack K Nelson (2000) Research Methods in Physical Activities; Illonois; Human Kinetics;

Kamlesh, M.L.(1999) Research Methodology in Physical Education and Sports, New Delhi

Moses, A.K. (1995) Thesis Writing format, Chennai; Poompugar Pathippagam

Rothstain, A (1985) Research Design and Statistics for Physical Education, Englewood Cliffs: Prentice Hall, Inc

Subramanian, R, Thirumalai Kumar S & Arumugam C (2010) Research Methods in Health, Physical Education and Sports, New Delhi; Friends Publication

Moprtly A. M. (2010) Research Processes in Physical Education , New Delhi; Friends Publication

**M. P. Ed. I Semester I**  
Theory Courses  
**MPCC-102**  
**PHYSIOLOGY OF EXERCISE**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**Unit I – Introduction**

Meaning of Physiology, Need and importance of Physiology of Exercise

**Unit II – Skeletal Muscles and Exercise**

Macro & Micro Structure of the Skeletal Muscle, Chemical Composition. Sliding Filament theory of Muscular Contraction. Types of Muscle fiber. Muscle Tone, Chemistry of Muscular Contraction- Heat Production in the muscle, Effect of exercises and training on the muscular system and skeletal system.

**Unit III – Cardiovascular System, Respiratory System and Exercise**

Heart Valves and Direction of the Blood Flow - Conduction System of the Heart- Blood Supply to the Heart - Cardiac Cycle - Stroke Volume - Cardiac Output - Heart Rate – Factors Affecting Heart Rate – Cardiac Hypertrophy – Effect of exercises and training on the Cardiovascular system, Blood pressure. Mechanics of Breathing – Respiratory Muscles, Minute Ventilation – Ventilation at Rest and During Exercise. Diffusion of Gases in the Tissues – Control of Ventilation – Ventilation and the Anaerobic Threshold. Oxygen Debt – Lung Volumes and Capacities – Effect of exercises and training on the respiratory and circulatory system, second wind and EPOC.

**Unit IV – Metabolism and Energy Transfer**

Metabolism – ATP – PC or Phosphagen System – Anaerobic Metabolism - Anaerobic Metabolism – Aerobic and Anaerobic System during Rest and Exercise. Short Duration High Intensity Exercises – High Intensity Exercise Lasting Several Minutes – Long Duration Exercises.

**Unit V – Climatic Condition and sports performance and ergogenic aids**

Variation in Temperature and Humidity – Thermoregulation – Sports performance in hot climate, Cool Climate, high altitude. Influence of: Amphetamines, Anabolic steroids Androstenedione, Beta Blocker, Choline, Creatine, Human growth hormone on sports performance. Narcotic, Stimulants: Amphetamines, Caffeine, Ephedrine, Sympathomimetic amines. Stimulants and sports performance. Doping definition, types of doping, demerits of doping, process of control of doping, stages of doping test(sportsman related), International Olympic committee Anti doping Rules and Regulations.

Note: *Laboratory Practical's in Physiology be designed and arranged internally*

## REFERENCE :

Amrit Kumar, R, Moses. (1995). Introduction to Exercise Physiology. Madras: Poompugar Pathipagam.

Beotra Alka, (2000) Drug Education Handbook on Drug Abuse in Sports: Sports Authority of India Delhi.

Clarke, D.H. (1975). Exercise Physiology. New Jersey: Prentice Hall Inc., Englewood Cliffs.

David, L Costill. (2004) Physiology of Sports and Exercise. Human Kinetics Fox, E.L., And Mathews, D.K (1981). The physiological Basis of Physical Education and Athletics. Philadelphia: Sanders College Publishing

Guyton, A. C. (1976).Textbook of Medical Physiology. Philadelphia: W.B. Sanders co.

Richard, W. Bowers. (1989). Sport Physiology. WMC : Brown Publishers.

Sandhya Tiwaji. (1999). Exercise Physiology. Sports Publisher

Shaver, L (1981). Essentials of Exercise Physiology. New Delhi: subjet Publication

Vincent, T. Murche. (2007). Elementary Physiology.Hyderabad: Sports Publication.

William, D. Mc Aradle. (1996). Exercise Physiology, Energy, Nutrition and Human Performance. Philadelphia: Lippincott Williams and Wilkins Company



**M. P. Ed. I Semester I**  
Theory Courses  
**MPCC-103 Yogic Sciences**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**Unit I - Introduction**

- a) Concept, Need and Importance of yoga.
- b) Meaning and Definition of Yoga.
- c) Aims and Objectives of yoga.
- d) School of Yoga.+

**Unit II – Aasanas and Pranayam**

- a) Aasanas and Pranayam - Meaning and Definition.
- b) Asanas - Types- Techniques and Benefits.
- c) Pranayama: Types- Techniques and benefits.
- d) Surya Namaskar: Methods and Benefits

**Unit III – Sudhi Kriyas, Bandha and Mudras**

- a) Shat Kriyas – Techniques and Benefits
- b) Bandhas - Types, Techniques and Benefits
- c) Mudras - Types, Techniques and Benefits
- d) Stress and Meditation

**Unit IV – Yoga and Physical Education**

- a) Role of Yoga in Psychological Preparation of athlete.
- b) Role of Asana and Pranayam on various systems of body.
- c) Role of Yoga in Physical Education.
- d) Difference between yogic exercise and physical exercise.

**Unit V – Yoga and Diet**

- a) Concept of diet
- b) Principal of diet
- c) Importance of diet in daily life
- d) Role of diet for yoga

*Note: Laboratory Practical's in Physiology be designed and arranged internally*

## REFERENCE :

- George Feuerstein,(1975). Text Book of Yoga. London: Motilal Bansaridass Publishers (P) Ltd.
- Gore, (1990), Anatomy and Physiology of Yogic Practices. Lonavata: Kanchan Prkashan.
- Helen Purperhart (2004), The Yoga Adventure for Children. Netherlands: A Hunter House book.
- Iyengar,B.K.S.(2000), Light on Yoga. New Delhi: Harper Collins Publishers.
- Karbelkar N.V. (1993). Patanjali Yogasutra Bhashya (Marathi Edition) Amravati: Hanuman Vyayam Prasarak Mandal.
- Kenghe. C.T (1976). Yoga As Depth – Psychology and para – Psychology (Vol-I):Historical Background, Varanasi: Bharata Manishai.
- kuvalyanada Swami & S.L. Vinekar, (1963), Yogic Therapy – Basic Principles and Methods. New Delhi: Govt. of India, Central Helth Education and Bureau.
- Moorthy A.M & Alagesan. S (2004) Yoga Therapy. Coimbatore: Teachers Publication House
- Swami Kuvalayanada, (1998) Asanas. Lonavala: Kaivalyadhama
- Swami Satyananada Sarasvati, (1989) Asana Pranayama Mudra Bandha. Munger: Bihar School of Yoga.
- Swami Satyananada Saraswati. (1984),Kundalini and Tantra, Bihar: Yoga Publicatios Trust.
- Swami Sivananda, (1971) The science of Pranayama. Chennai: A Divine Life Society Publication.
- Thirumalai Kumar. S and Indira. S (2001) Yoga in Your Life, Chennai: The Parkar Publication
- Tiwari O.P. (1998), Asanas – Why and How. Lonavala: Kaivalyadham.

## **M. P. Ed. I Semester I**

Theory Courses

### **MPCC-104**

#### **TEST, MESUREMENT AND EVALUATION IN PHYSICAL EDUCATION (Elective)**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

#### **Unit I – Introduction**

Meaning and Definition of Test, Measurement and Evaluation. Need and Importance of Measurement and Evaluation. Criteria for Test Selection – Scientific; authenticity. Meaning, definition and establishing Validity, Reliability, Objectivity. Norms – Administrative Consideration.

#### **Unit II – Motor Fitness Test**

Meaning and Definition of Motor Fitness. Test for Motor Fitness; Indiana motor Fitness Test (for elementary and high school boys, girls and college Men) Oregon Motor Fitness Test (Separately for boys and girls) – JCR test. Motor Ability; Barrow Motor Ability Test – Newton Motor ability Test – Muscular Fitness – Kraus Webar Minimum Fitness Test and different types of test i.e. knowledge test, medical test.

#### **Unit III – Physical Fitness Tests**

Physical fitness Test : AAHPERD Health Related Fitness Battery (revised in 1984), Roger's Physical Fitness Index. Cardio Vascular test; Harvard step test, 12 minutes run / walk test, Multi – stage fitness test ( Beep test)

#### **Unit IV – anthropometric and Aerobic – Anaerobic Tests**

Physiological Testing: Aerobic Capacity: The Bruce Treadmill Test Protocol, 1.5 Mile Run test for college age males and females. Anaerobic Capacity: Margaria – Kalamen test, Wingate Anaerobic Test, Anthropometric Measurement: Method of Measuring Height: Standing Height, Sitting Height. Method of measuring Circumference: Arm, Waist, Hip, Thigh. Method of Measuring Skin Folds: Triceps, Sub scapular, Suprailiac. Tests to predict Vo<sub>2</sub> max test.

#### **Unit V – Skill Tests**

Specific Sports Skill Test – Badminton: Miller Wall Volley Test. Basketball: Johnson Basketball Test, Harrison Basketball Test. Cricket: Sutcliff Cricket test. Hockey: Friendel Field Hockey test. Volleyball: Russel Lange Volleyball test, Brady Volleyball test. Football: Mor – Christian General Soccer Ability Skill test Battery, Johnson Soccer test, Mc – Donald volley Soccer test. Tennis: Dyer Tennis test.

Note: *Practical's of indoors and out – door tests be designed and arranged internally.*

## REFERENCE :

Authors Guide (2013) ACSM's Health Related Physical Fitness Assessment Manual, USA: ACSM Publications

Collins, R.D., & Hodges P.B. (2001) A Comprehensive Guide to Sports Skills Tests and Measurement (2<sup>nd</sup> edition) Lanham: Scarecrow Press

Cureton T.K (1947) Physical Fitness Appraisal and Guidance, St. Louis: The C. Mosby Company

Getchell B (1979) Physical Fitness A Way of Life, 2<sup>nd</sup> Edition New York, John Wiley and Sons, Inc

Jeson, Clayne R and Cynt ha, C. Hirst (1980) Measurement in Physical Education and Athletics, New York, Macmillan Publishing Co. Inc

Kansal D.K (1996), "Test and Measurement in Sports and Physical Education, New Delhi: DVS Publications

Krishnamurthy (2007) Evaluation in Physical Education and Sports, New Delhi; Ajay Verma Publication

Vivian H. Heyward (2005) Advance Fitness Assessment and Exercise Prescription, 3<sup>rd</sup> edition, Dallas TX: The Cooper Institute for Aerobics Research

Wilmore JH and Costill DL. (2005) physiology of Sports and Exercise: 3<sup>rd</sup> Edition. Champaign IL: Human Kinetics

Yobu, A (2010), Test, Measurement and Evaluation in Physical Education and Sports. New Delhi; Friends Publications.

Bhatt Altaf Hussain, (2010) Test and measurement in physical Education, New Delhi: Sports publication

**M. P. Ed. I Semester I**  
Theory Courses  
**MPCC-104**  
**SPORTS TECHNOLOGY** (Elective)

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**Unit I – Sports Technology**

Meaning, definition, Purpose, Advantages and Applications, General Principles and Purpose of Instrumentation in sports, Workflow of instrumentation and business aspects, Technological impacts on sports.

**Unit II – Science of Sports Materials**

Adhesives – Nano gule, nano moulding technology, Nano turf. Food wear production, Factors and application in sports, constraints. Foams – Polyurethane, Polystyrene, Styrofoam, closed – cell and open – cell foams, neoprene, Foam. Smart Materials – Shape Memory Alloy (SMA), Thermo Chromic film, High – density modeling foam.

**Unit III – Surfaces of Playfields**

Modern Surfaces for Playfields, Construction and installation of sports surfaces. Types of materials – synthetic, wood, polyurethane. Artificial turf. Modern technology in the construction of indoor and outdoor facilities. Technology in manufacture of modern play equipments. Use of computer and software in Match Analysis and Coaching.

**Unit IV – Modern Equipment**

Playing Equipments: Balls: Types, Materials and Advantages, Bat/ Stick/ Racquets: Types, Materials and Advantages. Measuring equipments: Throwing and Jumping Events. Protective equipments: Types, Materials and Advantages. Sports equipment with nano technology, Advantages.

**Unit V – Training Gadgets**

Basketball: Ball Feeder, Mechanism and Advantages. Cricket: Bowling Machine, Mechanism and Advantages, Tennis: Serving Machine, Mechanism and Advantages. Volleyball: Serving Machine, Mechanism and Advantages. Lighting Facilities: Method of erecting Flood Light and measuring luminous. Video Coverage: Types, Size, Capacity, Place and Position of Camera in Live coverage of sporting events.

*Note: Students should be encouraged to design and manufacture improvised sports testing equipment in laboratory/ workshop and visit sports technology factory/ sports good manufacturers.*

## REFERENCE :

Charles J.A. Crane, F.A.A. and Furness, J.A.G (1987) “ Selection Of Engineering Materials” UK: Butterworth Heiremann.

Finn, R.A. and Trojan P.K (1999) “Engineering Materials and their Applications” UK: Jaico Publisher

John Mongilo, (2001), “ Nano Technology 101” New York: Green wood publishing group.

Walia, J.S Principles and Methods of Education (Paul Publishers, Jullandhar), 1999.

Kochar, S.K Methods and Techniques of Teaching ( New Delhi, Jullandhar, Sterling Publisher Pvt. Ltd.) 1982

Kozman, Cassidy and Jackson. Methods in Physical Education (W.B. Saunders Company, Philadelphia and London), 1952

**APPLIED STATISTICS IN PHYSICAL EDUCATION AND SPORTS**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**UNIT I - Introduction**

Meaning and Definition of Statistics. Function, need and importance of Statistics. Types of Statistics. Meaning of the terms, Population, Sample, Data, types of data. Variables; Discrete, Continuous. Parametric and non-parametric statistics.

**UNIT II - Data Classification, Tabulation and Measures of Central Tendency**

Meaning, uses and construction of frequency table. Meaning, Purpose, Calculation and advantages of Measures of central tendency - Mean, median and mode.

**UNIT III - Measures of Dispersions and Scales**

Meaning, Purpose, Calculation and advances of Range, Quartile, Deviation, Mean Deviation, Standard Deviation, Probable Error. Meaning, Purpose, Calculation and advantages of scoring scales; Sigma scale, Z Scale, Hull scale

**UNIT IV - Probability Distributions and Graphs**

Normal Curve. Meaning of probability- Principles of. normal curve - Properties of normal curve. Divergence form normality - Skewness and Kurtosis. Graphical Representation in Statistics; Line diagram, Bar diagram, Histogram, Frequency Polygon, Ogive Curve.

**UNIT V - Inferential and Comparative Statistics**

Tests of significance; Independent "t" test, Dependent "t" test - chi - square test, level of confidence and interpretation of data. Meaning of correlation - co-efficient of correlation -calculation of co-efficient of correlation by the product moment method and rank difference method. Concept of ANOVA and ANCOVA.

*Note : It is recommended that the theory topics be accompanied with practical, based on computer software of statistics.*

## REFERENCE

Best J. W (1971) Research in Education, New Jersey; Prentice Hall, Inc

Clark D.H. (1999) Research Problem in Physical Education 2<sup>nd</sup> edition, Eaglewood Cliffs, Prentice Hall, Inc.

Jerry R Thomas & Jack K Nelson (2000) Research Methods in Physical Activities; Illinois's; Human Kinetics;

Kamlesh, M. L. (1999) Research Methodology in Physical Education and Sports, New Delhi

Rothstain A (1985) Research Design and Statistics for Physical Education, Englewood Cliffs: Prentice Hall, Inc

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Thirumalaisamy (1998), Statistics in Physical Education, Karaikudi, Senthilkumar Publications.



**M. P. Ed. I Semester II**  
**Theory Courses**  
**MPCC-202**  
**SPORTS BIOMECHANICS AND KINSESIOLGY**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**UNIT I – Introduction to Kinesiology and Biomechanics**

Meaning and definition of Kinesiology and Biomechanics, nature, scope and brief history of Kinesiology and Biomechanics, Aims and objectives of Kinesiology and Biomechanics, Importance of Kinesiology and Biomechanics in the field of physical Education and sports.

**UNIT II - Joints and Muscle Action**

Structural classification of joints, Fundamental movements around joints, Origin, Insertion and action of muscles: Pectoralis major and minor, Deltoid, Biceps, Triceps (Anterior and Posterior), Trapezius, serratus, Sartorius, Rectus femoris, Abdominis, Quadriceps, Hamstring, Gastrocnemius.

**UNIT III - Motion and Force**

Meaning and definition of Motion. Types of Motion: Linear motion, angular motion, circular motion, uniform motion. Principals related to the law of Inertia, Law of acceleration, and law of counter force. Meaning and definition of force- Sources of force -Force components .Force applied at an angle -pressure -friction -Buoyancy, Spin - Centripetal force - Centrifugal force.

**UNIT IV - Projectile and Lever**

Freely falling bodies -Projectiles -Equation of projectiles stability Factors influencing equilibrium - Guiding principles for stability -static and dynamic stability. Meaning of work, power, energy, kinetic energy and potential energy. Leverage -classes of lever - practical application. Water resistance - Air resistance -Aerodynamics.

**UNIT V – Movement Analysis**

Analysis of Movement: Types of analysis: Kinesiological, Biomechanical. Cinematographic, Methods of analysis - Qualitative, Quantitative, Predictive

Practical's Lab: Practical's and visit to physiotherapy centre to observe treatment procedure of sports injuries, data collection of sports injury incidences, visit to TV centre etc. should be planned internally.

**REFERENCE:**

Deshpande S.H.(2002). Manav Kriya Vigyan - Kinesiology (Hindi Edition) Amravati :Hanuman Vyayam Prasarak Mandal.

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Steven Roy, & Richard Irvin. (1983). Sports Medicine. New Jersey: Prentice hall.

Thomas. (2001). Manual of structural Kinesiology, New York: Me Graw Hill.

Uppal A.K. Lawrence Mamta MP Kinesiology(Friends Publication India 2004)

Uppal, A.K (2004), Kinesiology in Physical Education and Exercise Science, Delhi Friends

publications. Williams M (1982) Biomechanics of Human Motion, Philadelphia; Saunders Co.

**M. P. Ed. I Semester II**  
**Theory Courses**  
**MPCC-203**  
**ATHLETIC CARE AND REHABILITATION**

**Credits – Theory - 4**

**Total Theory Lectures – 60**

**Unit I - Corrective Physical Education**

Sports rehabilitation, stages of rehabilitation. Definition and objectives of corrective physical Education. Posture and body mechanics, Standards of Standing Posture. Value of good posture, Drawbacks and causes of bad posture. Posture test - Examination of the spine.

**Unit II - Posture**

Normal curve of the spine and its utility, Deviations in posture: Kyphosis, lordosis, flat back, Scoliosis, round shoulders, Knock Knee, Bow leg, Flat foot. Causes for deviations and treatment including exercises.

**Unit III - Rehabilitation Exercises '**

Passive, Active, Assisted, Resisted exercise for Rehabilitation, Stretching, PNF techniques and principles.

**Unit IV - Massage**

Brief history of massage - Massage as an aid for relaxation - Points to be considered in giving massage - Physiological, Chemical, Psychological effects of massage - Indication / Contra indication of Massage - Classification of the manipulation used massage and their specific uses in the human body - Stroking manipulation: Effleurage - Pressure manipulation: Petrissage Kneading (Finger, Kneading, Circular) ironing Skin Rolling -Percussion manipulation: Tapotement, Hacking, Clapping, Beating, 'Pounding, Slapping, Cupping, Poking, Shaking Manipulation, Deep massage.

**Unit V - Sports Injuries Care, Treatment and Support**

Sports injuries: causes prevention and treatment, General and specific sports injuries – their causes prevention and treatment related to games - basketball, volleyball, handball, football, softball, lawn tennis etc. Prevention and Treatment of foot, knee, shoulder, Elbow, Head, Muscle etc injuries.

***Note: Each student shall submit Physiotherapy record of attending the Clinic and observing the cases of athletic injuries and their treatment procedure. (To be assessed internally)***

**REFERENCES:**

Doherty. J. Meno.Wetb, Moder D (2000) Track & Field, Englewood Cliffs, Prentice Hal Inc.

Lace, M. V. (1951) Massage and Medical Gymnastics, London: J & A Churchill Ltd.

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Naro, C. L. (1967) Manual of Massage and, Movement, London: Febra and Febra Ltd.

Rathbome, J.I. (1965) Corrective Physical education, London: W.B. Saunders & Co.

Stafford and Kelly, (1968) Preventive and Corrective Physical Education, New York.

**M. P. Ed. I Semester II**  
**Theory Courses**  
**MPEC-204**  
**SPORTS JOURNALISM AND MASS MEDIA (Elective)**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**UNIT I – Introduction**

Meaning and Definition of Journalism, Ethics of Journalism - Canons of journalism- Sports Ethics and Sportsmanship - Reporting Sports Events. National and International Sports News Agencies.

**UNIT II – Sports Bulletin**

Concept of Sports Bulletin: Journalism and sports education - Structure of sports bulletin - Compiling a bulletin - Types of bulletin - Role of Journalism in the Field of Physical Education: Sports as an integral part of Physical Education - Sports organization and sports journalism - General news reporting and sports reporting.

**UNIT III – Mass Media**

Mass Media in Journalism: Radio and T.V. Commentary - Running commentary on the radio - Sports expert's comments. Role of Advertisement in Journalism. Sports Photography: Equipment- Editing - Publishing.

**UNIT IV – Report Writing on Sports**

Brief review of Olympic Games, Asian Games, Common Wealth Games World Cup, National Games and Indian Traditional Games. Preparing report of an Annual Sports Meet for Publication in Newspaper. Organization of Press Meet.

**UNIT V – Journalism**

Sports organization and Sports Journalism - General news reporting and sports reporting. Methods of editing a Sports report. Evaluation of Reported News. Interview with and elite Player and Coach. Practical assignments to observe the matches and prepare report and news of the same; visit to News Paper office and TV Centre to know various departments and their working. Collection of Album of newspaper cuttings of sports news.

## REFERENCE:

Ahiya B.N. (1988) Theory and Practice of Journalism: Set to Indian context Ed3. Delhi : Surjeet Publications

Ahiya B.N. Chobra S.S.A. (1990) Concise Course in Reporting. New Delhi: Surjeet Publication

Bhatt S.C. (1993) Broadcast Journalism Basic Principles. New Delhi. Haranand Publication

Dhananjay Joshi (2010) Value Education in Global Perspective. New Delhi: Lotus Press.

Kannan K (2009) Soft Skills, Madurai: Madurai: Yadava College Publication

Mohit Chakrabarti (2008): Value Education: Changing Perspective, New Delhi: Kanishka Publication.

Padmanabhan. A & Perumal A (2009), Science and Art of Living, Madurai: Pakavathi Publication

Shiv Khera (2002), You Can Win, New Delhi: Macmillan India Limited.

Varma A.K. (1993) Journalism in India from Earliest Times to the Present Period. Sterling publication Pvt. Ltd.

Venkataiah. N (2009) Value Education,- New Delhi: APH Publishing Corporation. 43

**M. P. Ed. I Semester II**  
**Theory Courses**  
**MPEC-204**  
**SPORTS MANAGEMENT AND CURRICULUM DESIGN IN PHYSICAL EDUCATION**  
**(Elective)**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**UNIT I - Sports Management**

- a) Definition, Importance of Sports Management
- b) Basic Principles and Procedures of Sports Management
- c) Functions of Sports Management
- d) Personal Management: Definition and Objectives

**UNIT II - Program Management**

- a) Definition and Importance of Programme management
- b) Role of Programme management
- c) Factors influencing programme management
- d) Steps in programme management

**UNIT III - Equipments**

- a) Equipment –Need, Types and Purchase
- b) Care and Maintenance of Equipment
- c) Facilities and Equipments in physical education programme – play ground, gymnasium, swimming pool, stadium etc.
- d) Equipment Room Concept and Importance

**UNIT IV – Public Relations**

- a) Public Relations - Definition and Need
- b) Principles Public Relations in physical Education
- c) Public Relations in School and Communities
- d) Public Relations in Media and Agencies

**UNIT V - Curriculum**

- a) Curriculum – Definition, Factors affecting, principles of curriculum construction
- b) Theories and Approaches of curriculum development
- c) Sources of Curriculum materials in physical education
- d) Curriculum research - Objectives and Importance

**UNIT VI - Recreation**

- a) Meaning and Definition of Recreation, Need and importance of recreation in physical education and sports, Types of Recreation

**Reference:**

Aggarwal, J.C (1990). Curriculum Reform in India - World overviews, Doaba World Education Series - 3 Delhi: Doaba House, Book seller and Publisher.

Arora, G.L, (1984): Reflections on Curriculum, New Delhi: NCERT.

Bonnie, L. (1991). The Management of Sports. St. Louis: Mosby Publishing Company, Park House.

Bucher A. Charles, (1993), Management of Physical Education and Sports (10<sup>th</sup> ed.,) St. Louis: Mobsy Publishing Company.

Carl, E, Willgoose. (1982. Curriculum in Physical Education, London: Prentice Hall.

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Chelladurai, P. (1999). Human Resources Management in Sports and Recreation. Human Kinetics.

John, E, Nixon & Ann, E, Jewett. (1964). Physical Education Curriculum, New York: The Ronald Press Company.

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Yadvnider Singh. Sports Management, New Delhi: Lakshay Publication.



**M. P. Ed. II Semester III**  
**Theory Courses**  
**MPCC-301**  
**SCIENTIFIC PRINCIPLES OF SPORTS TRAINING**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**UNIT I – Introduction of Sports Training**

Definition and meaning of Training, Need and Importance of Sports Training, Principles of Sports Training.

**UNIT II – Training Load and Recovery**

Principle of Training Load, Major components of Training Load i.e. intensity, density, volume and frequency, over load- symptoms, and causes, meaning of recovery, importance of recovery.

**UNIT III- Components of Physical Fitness**

Strength- Definition, major form of strength, type of strength, factor determining strength, strength training- means and method.

Speed - Definition, major form of Speed, Speed training- means and method.

Endurance – Definition, Importance of endurance, method for the development of endurance.

Flexibility - Definition, Importance of flexibility, types of flexibility, method to develop flexibility.

Coordinative abilities - Definition, Importance of coordinative abilities, method of training for the development of coordinative abilities.

**UNIT IV - Doping**

Definition of Doping - Side effects of drugs - Dietary supplements - IOC list of doping classes and methods. Blood Doping - The use of erythropoietin in blood boosting - Blood doping control - The testing programmes - Problems in drug detection — Blood testing in doping control - Problems with the supply of medicines Subject to IOC regulations : over-the- counter drugs (OTC) - prescription only medicines (POMs) - Controlled drugs (CDs). Reporting test results - Education

**UNIT V - Training Plan**

Training Plan: Macro Cycle, Meso-Cycle. Short Term Plan and Long Term Plans -Periodisation: Meaning, Single, Double and Multiple Periodisation, Preparatory Period, Competition Period and Transition Period. Factor involved in training and competition psychological, physiological and sociological.

## **REFERENCES :**

Beotra Alka, (2000), Drug Education Handbook on Drug Abuse in Sports. Delhi: Sports Authority of India.

Bunn, J.N. (1998) Scientific Principles of Coaching, New Jersey Engle Wood Cliffs, Prentice Hall Inc.

Cart, E. Klafs & Daniel, D. Arnheim (1999) Modern Principles of Athletic Training St. Louis C. V. Mosphy Company

Daniel, D. Arnheim (1991) Principles of Athletic Training, St. Luis, Mosby Year Book

David R. Mottram (1996) Drugs in Sport, School of Pharmacy, Liverpool: John Moore University

Gary, T. Moran (1997) - Cross Training for Sports, Canada : Human Kinetics

Hardayal Singh (1991) Science of Sports Training, New Delhi, DVS Publications

Jensen, C.R. & Fisher A.G. (2000) Scientific Basic of Athletic Conditioning, Philadelphia

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Yograj Thani (2003), Sports Training, Delhi : Sports Publications

**M. P. Ed. II Semester III**  
**Theory Courses**  
**MPCC-302**  
**SPORTS MEDICINE**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**UNIT I – Introduction- sports medicine**

Meaning, scope, concept, content and history of sports medicine, Need of sports medicine in physical education and sports(physical education teacher, coach and players), Elements of good food, Athletics diet for different games and sports(caloric needs), Causes if injuries in sports, prevention of sports injuries, treatment of sprain, strain, confusion, laceration, abrasion, fracture, dislocation and internal injuries, strapping and supports.

**UNIT II – Various Exercises**

Definition and principles of therapeutic exercises, coordination exercise, balance training exercise, strengthening exercises, mobilization exercises, Gait training, Gymball exercise, Injuries- acute, sub-acute, chronic, advantages and disadvantages of price, price therapy, Aquatic therapy.

**UNIT III - Spine Injuries and Exercise**

Head, Neck and Spine injuries: Causes, Presentational of Spinal anomalies, Flexion, Compression, Hyperextension, Rotation injuries. Spinal range of motion. Free hand exercises, stretching and strengthening exercise for head neck, spine. Supporting and aiding techniques and equipment for Head, Neck and Spine injuries.

**UNIT IV - Upper Extremity Injuries and Exercise**

Upper Limb and Thorax Injuries: Shoulder: Sprain, Strain, Dislocation, and Strapping. Elbow: Sprain, Strain, Strapping. Wrist and Fingers: Sprain Strain, Strapping. Thorax, Rib fracture. Breathing exercises, Relaxation techniques, Free hand exercise, Stretching and strengthening exercise for shoulder, Elbow, Wrist and Hand. Supporting and aiding techniques and equipment for Upper Limb and Thorax Injuries.

**UNIT V - Lower Extremity Injuries and Exercise**

Lower Limb and Abdomen Injuries: Hip: Adductor strain, Dislocation, Strapping. Knee: Sprain, Strain, Strain, Strapping. Ankle: Sprain, Strain, Strapping. Abdomen: Abdominal wall, Contusion, Abdominal muscle strain. Free exercises - Stretching and strengthening exercise for Hip, knee, ankle and Foot. Supporting and aiding techniques and equipment for Lower limb and Abdomen injures.

## **REFERENCES:**

Christopher M. Norris. (1993). Sports Injuries Diagnosis and Management for Physiotherapists. East Kilbride: Thomson Litho Ltd.

James, A. Gould & George J. Davies. (1985). Physical Physical Therapy. Toronto: C.V. Mosby Company.

Morris B. Million (1984) Sports Injuries and Athletic Problem. New Delhi: Surjeet Publication.

Pande. (1998). Sports Medicine. New delhi: Khel Shitya Kendra

The Encyclopedia of Sports Medicine. (1998). The Olympic Book of Sports Medicine, Australia: Tittel Blackwell Scientific publications.

Practical: Anthropometric Measurements,

**M. P. Ed. II Semester III**  
**Theory Courses**  
**MPCC-303**  
**HEALTH EDUCATION AND SPORTS NURTITION**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**Unit -1 Health Education**

- a) Health - Concept, Dimensions, Determinants
- b) Health Education - Aim, objectives and Principles
- c) Health Instruction, Health Supervision
- d) Role of Health Education in personal hygiene'

**Unit - II Health Problems in India**

- a) Communicable and Non Communicable Diseases
- b) Health Science – Concept and objectives
- c) Health Science in Physical Education
- d) Role of health education in schools
- e) Health and Environment – Meaning and definition of pollution, types of Pollution and Prevention of Control of them, Public Health Importance ,Housing Standards and Housing and Health, Refuse – Sources and methods of Disposal.

**Unit- III - Hygiene and Health**

- a) Hygiene Meaning and Type
- b) Effect of Alcohol and Tobacco on Health
- c) Life Style Management – Concept and Aspect
- d) Stress Management - Concept and Aspect

**Unit- IV- Sports Nutrition**

- a) Sports Nutrition - Meaning and Definition
- b) Role of nutrition in sports
- c) Guidance for Basic Nutrition
- d) Role of carbohydrates in Nutrition

**Unit - V- Nutrition and Weight Management**

- a) BMI (Body mass index) – Meaning, Concept and aspect
- b) Obesity and its hazard
- c) Weight management program in Physical Education
- d) Role of diet and exercise in weight management
- e) Health planning and Management : Meaning and objectives of Health Planning, National Health Policy, Health Planning in India, Health System at the National Level, State , District Level, Integrated Rural Development Programme.

**References: •**

Bucher, Charles A. "Administration of Health and Physical Education Programme".

Delbert, Oberteuffer, et. al." The School Health Education".

Ghosh, B.N. "Treaties of Hygiene and Public Health".

Hanlon, John J. "Principles of Public Health Administration" 2003.

Turner, C.E. "The School Health and Health Education".

Moss and et. At. "Health Education" (National Education Association of U.T.A.)

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Nutrition Encyclopedia, edited by Delores C.S. James, The Gale Group, Inc.

Boyd-Eaton S. et al (1989) The Stone Age Health Programme: Diet and Exercise as Nature Intended. Angus and Robertson.

Terras S. (1994) Stress, How Your Diet can Help: The Practical Guide to Positive Health Using Diet, Vitamins, Minerals, Herbs and Amino Acids, Thorons.

**M. P. Ed. II Semester III  
Theory Courses  
MPEC-304  
SPORTS ENGINEERING (Elective)**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**Unit -1 Introduction to sports engineering and Technology**

Meaning of sports engineering, human motion detection and recording, human performance, assessment, equipment and facility designing and sports related instrumentation and measurement.

**Unit - II Mechanics of engineering materials**

Concept of internal force, axial force, shear force, bending movement, torsion, energy method to find displacement of structure, strain energy. Biomechanics of daily and common activities -Gait, Posture, Body levers, ergonomics, Mechanical principles in movements such as lifting, walking, running, throwing, jumping, pulling, pushing etc.

**Unit- III Sports Dynamics**

Introduction to Dynamics, Kinematics to particles - rectilinear and plane curvilinear motion coordinate system. Kinetics of particles-Newton's laws of Motion, Work, Energy, Impulse and momentum.

**Unit- IV Building and Maintenance:**

Sports Infrastructure- Gymnasium, Pavilion, Swimming Pool, Indoor Stadium, Out-door Stadium, Play Park, Academic Block, Administrative Block, Research Block, Library, Sports Hostels, etc.

Requirements: Air ventilation, Day light, Lighting arrangement, Galleries, Store rooms, Office, Toilet Blocks (M/F), Drinking Water, Sewage and Waste Water disposal system, Changing Rooms ( M/F), Sound System (echo-free), Internal arrangement according to need and nature of activity to be performed, Corridors and Gates for free movement of people, Emergency provisions of lighting, fire and exits, Eco-friendly outer surrounding. Maintenance staff, financial consideration.

**Building process:-** design phase (including brief documentation), construction phase functional (occupational) life, Re-evaluation, refurnish, demolish.

**Maintenance policy,** preventive maintenance, corrective maintenance, record and register for maintenance.

**Unit - V Facility life cycle costing**

Basics of theoretical analysis of cost, total life cost concepts, maintenance costs, energy cost, capital cost and taxation

## **Reference**

Franz K. F. et. al., Editor, Routledge Handbook of Sports Technology and Engineering (Routledge, 2013)

Steve Hake, Editor, The Engineering of Sport (CRC Press, 1996)

Franz K. F. et. al., Editor The Impact of Technology on Sports II (CRC Press, 2007)

Helge N., Sports Aerodynamics (Springer Science & Business Media, 2009)

Youlin. Hong, Editor. Routledge Handbook of Ergonomics in Sport and Exercise (Routledge, 2013)

Jenkins M., Editor Materials in Sports Equipment, Volume I (Elsevier, 2003)

Colin White, Projectile Dynamics in Sport: Principles and Applications

Eric C. et al., Editor Sports Facility Operations Management (Routledge, 2010)



**M. P. Ed. II Semester III**  
**Theory Courses**  
**MPEC-304**  
**PHYSICAL FITNESS AND WELLNESS (Elective)**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**Unit I - Introduction**

Meaning and Definition" of Physical Fitness, Physical Fitness Concepts and Techniques, Principles of physical fitness, Physiological principles involved in human movement. Components of Physical Fitness.

Leisure time physical activity and identify opportunities in the community to participate in this activity. Current trends in fitness and conditioning, components of total health fitness and the relationship between physical activity and lifelong wellness.

**Unit II- Nutrition and Balanced Diet**

Nutrients; Nutrition labeling information, Food Choices, Food Guide Pyramid, Influences on food choices-social, economic, cultural, food sources, Comparison of food values. Weight Management-proper practices to maintain, lose and gain. Eating Disorders, Proper hydration, the effects of performance enhancement drugs

Concept of balanced diet, various nutrients required for human body - protein, vitamin, carbohydrates, minerals, water, fats etc. relationship between diet and competition,

**Unit III - Aerobic Exercise**

Cardio respiratory Endurance Training; proper movement forms, i.e., correct stride, arm movements, body alignment; proper warm-up, cool down, and stretching, monitoring heart rates during activity. Assessment of cardio respiratory fitness and set goals to maintain or improve fitness levels. Cardio respiratory activities including i.e. power walking, pacer test, interval training, incline running, distance running, aerobics and circuits.

**Unit IV - Anaerobic Exercise**

Resistance Training for Muscular Strength and Endurance; principles of resistance training, Safety techniques (spotting, proper body alignment, lifting techniques, spatial, awareness, and proper breathing techniques). Weight training principles and concepts; basic resistance exercises (including free hand exercise, free weight exercise, weight machines, exercise bands and tubing, medicine balls, fit balls) Advanced techniques of weight training

**Unit V - Flexibility Exercise**

Flexibility Training, Relaxation Techniques and Core Training. Safety techniques (stretching protocol; breathing and relaxation techniques) types of flexibility exercises (i.e. dynamic, static), Develop basic competency in relaxation and breathing techniques. Pilates, Yoga. .

**Reference:**

David K. Miller & T. Earl Alien, Fitness, A life time commitment, Surjeet Publication Delhi 1989.

Dificore Judy, the complete guide to the postnatal fitness, A & C Black Publishers Ltd. 35 Bedford row, London 1998

Dr. A.K. Uppal, Physical Fitness, Friends Publications (India), 1992. Warner W.K. Oeger & Sharon A. Hoeger, Fitness and Wellness, Morton Publishing Company, 1990.

Elizabeth & Ken day, Sports fitness for women, B.T. Batsford Ltd, London, 1986.

Emily R. Foster, Karyn Hartiger & Katherine A. Smith, Fitness Fun, Human Kinetics Publishers 2002.

Lawrence, Debbie, Exercise to Music. A & C Black Publishers Ltd. 37, Sohe Square, London 1999

Robert Malt. 90 day fitness plan, O.K. publishing, Inc. 95, Madison Avenue, New York 2001.

**M. P. Ed. II Semester III  
Practical Course  
MPPC-301**

**Title of the Course**

**1- Certificate course in Physical Fitness and Wellness Trainer.**

**Course Content:**

**Module 01: Fundamentals of Psychological testing**

- Meaning and concept of physical fitness
- Meaning and concept of wellness.
- Components of physical fitness.
- Dimensions of wellness.

**Module 02:**

- Different Exercises for physical fitness.
- Specific exercise for development of physical fitness components.
- Concept Balance diet.
- Nutrition.

**Module 03:**

- Concept of weight training.
- Yogic exercises for physical fitness and wellness.
- Team building activities.
- Activities for stress management.

**Module 04:**

- Qualities of fitness and wellness trainer.
- Duties and responsibilities of trainer.
- Visits to various fitness centers, clubs etc.
- Report writing.

**M. P. Ed. II Semester III**  
**Practical Course**  
**MPPC-301**  
**Title of the Course**  
**2 - Certificate Course in open Gym Instructor**

**Course Content:**

**Module 01: Introduction, difference and importance.**

- Introduction of gym.
- Introduction of open gym.
- Difference between gym and open gym.
- Importance of open gym.

**Module 02: Basics, benefits and safety measures.**

- Basic exercises of open gym.
- Benefits of open gym exercises.
- Benefits of open gym for social health.
- Safety measures in open gym.

**Module 03:**

- Essential equipments for open gym.
- Basic and advance exercises for open gym.
- Scheduling.
- Designing training program.

**Module 04:**

- Qualities of open gym instructor.
- Duties and responsibilities of open gym instructor.
- Visits to various clubs, fitness centers.
- Report writing.

**M. P. Ed. II Semester IV**  
**Theory Courses**  
**MPCC-401**  
**INFORMATION & COMMUNICATION TECHNOLOGY (ICT) IN**  
**PHYSICAL EDUCATION**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**Unit I - Communication & Classroom Interaction**

Concept, Elements, Process & Types of Communication  
Communication Barriers & Facilitators of communication  
Communicative skills of English - Listening, Speaking, Reading & Writing  
Concept & Importance of ICT Need of ICT in Education  
Scope of ICT: Teaching Learning Process, Publication Evaluation, Research and Administration  
Challenges in Integrating ICT in Physical Education

**Unit II - Fundamentals of Computers**

Characteristics, Types & Applications of Computers Hardware of Computer: Input, Output & Storage Devices Software of Computer: Concept & Types  
Computer Memory: Concept & Types  
Viruses & its Management  
Concept, Types & Functions of Computer Networks Internet and its Applications  
Web Browsers & Search Engines Legal & Ethical Issues

**Unit III - MS Office Applications**

MS Word: Main Features & its Uses in Physical Education  
MS Excel: Main Features & its Applications in Physical Education  
MS Access: Creating a Database, Creating a Table, Queries, Forms & Reports on Tables and its Uses in Physical Education  
MS Power Point: Preparation of Slides with Multimedia Effects  
MS Publisher: Newsletter & Brochure

**Unit IV - ICT Integration in Teaching Learning Process**

Approaches to Integrating ICT in Teaching Learning Process  
Project Based Learning (PBL)  
Co-Operative Learning  
Collaborative Learning  
ICT and Constructivism: A Pedagogical Dimension  
Use of ICT in Educational management: office, personal,  
E-mail: concept, advantage and disadvantage, use in educational research

**Unit V - E-Learning, Web Based Learning & Social Networking**

E-Learning Web Based Learning Visual Classroom, You Tube etc.

## **REFERENCES:**

B. Ram, New Age International Publication, Computer Fundamental, Third Edition-2006 Brain under IDG Book. India (p) Ltd Teach Yourself Office 2000, Fourth Edition-2001 Douglas E. Comer, The Internet Book, Purdue University, West Lafayette in 2005 Heidi Steel Low price Edition, Microsoft Office Word 2003- 2004

ITL Education Solution Ltd. Introduction to information Technology, Research and Development Wing-2006

Pradeep K. Sinha & Priti; Sinha, Foundations computing BPB Publications -2006.

Rebecca Bridges Altaian Peach pit Press, Power point for window, 1999

Sanjay Saxena, Vikas PubHcation House, Pvt Ltd. Microsoft Office for ever one, Second Edition-2006

**M. P. Ed. II Semester IV**  
**Theory Courses**  
**MPCC-402**  
**SPORTS PSYCHOLOGY AND SOCIOLOGY**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**UNIT I - Introduction**

Meaning, Definition, History, Need and Importance of Sports Psychology. Present Status of Sports Psychology in India. Motor Learning: Basic Considerations in Motor Learning - Motor Perception - Factors Affecting Perception - Perceptual Mechanism. Personality: Meaning, Definition, Structure - Measuring Personality Traits. Effects of Personality on Sports Performance.

**UNIT II - Motivation**

Meaning and Definition, Types of Motivation: Intrinsic, Extrinsic. Achievement Motivation: Meaning, Measuring of Achievement Motivation. Anxiety: Meaning and Definition, Nature, Causes, Method of Measuring Anxiety. Competitive Anxiety and Sports Performance. Stress: Meaning and Definition, Causes. Stress and Sports Performance. Aggression: Meaning and Definition, Method of Measurement. Aggression and Sports Performance. Self-Concept: Meaning and Definition, Method of Measurement.

**UNIT III – Individual Differences**

Meaning,  
factor affecting Individual difference,  
Individual difference and sports.

**UNIT IV - Sports Sociology**

Meaning and Definition - Sports and Socialization of Individual Sports as Social Institution. National Integration through Sports. Fans and Spectators: Meaning and definition, Advantages and disadvantages on Sports Performance. Leadership: Meaning, Definition', types. Leadership and Sports Performance, sports and social media, role of sports in society.

**UNIT V - Group Cohesion**

Group: Definition and Meaning, Group Size, Groups on Composition, Group Cohesion, Group Interaction, Group Dynamics. Current Problems in Sports and Future Directions -Sports Social Crisis Management - Women in Sports: Sports Women in our Society, Participation pattern among Women, Gender inequalities in Sports.

**Practicals:** *Atleast five experiments related to the topics listed in the Units above should be conducted by the students in laboratory. (Internal assessment.)*

## REFERENCES:

Authors Guide (2013) National Library of Educational and Psychological Test (NLEPT) Catalogue of Tests, New Delhi: National Council of Educational Research and Training Publication.

Authors Guide (2013) National Library of Educational and Psychological Test (NLEPT) Catalogue of Test, New Delhi: National Council of Educational Research and Training Publication.

Jain. (2002), Sports Sociology, Heal Sahety Kendre Publishers.

Jay Coakley. (2001) Sports in Society - Issues and Controversies in International Education, Mc-Craw Seventh Ed.

John D Lauther (2000) Psychology of Coaching. Ner Jersy: Prenticce Hall Inc.

John D. Lauther (1998) Sports Psychology. Englewood, Prentice Hall Inc.

Miroslaw Vauks & Bryant Cratty (1999). Psychology and the Superior Athlete. London:The Macmillan Co.. .

Richard, J. Crisp. (2000). Essential Social Psychology. Sage Publications.

Robert N. Singer (2001). Motor Learning and Human Performance. New York: The Macmillan Co.

Robert N. Singer. (1989) The Psychology Domain Movement Behaviour. Philadelphia: Lea and Febiger.

Thelma Horn. (2002). Advances in Sports Psychology. Human Kinetic.

Whiting, K, Karman.,. Hendry L.B & Jones M.G. (1999) Personality and Performance in Physical Education and Sports. London: Hendry Kimpton Publishers.

Singh Yadvinder,(2005), Sociology in Sports, New Delhi: Sports publication.



**M. P. Ed. II Semester IV  
Theory Courses  
MPCC-403**

**DISSERTATION**

1. A candidate shall have dissertation for M.P.Ed. - IV Semester and must submit his/her Synopsis and get it approved by the Head of Department on the recommendation of D.R.C. (Departmental Research Committee).
2. A candidate selecting dissertation ^must submit his/her dissertation not less than one week before the beginning of the IV<sup>th</sup> Semester Examination.
3. The candidate has to face the Viva-Voce conducted by DRC.

**M. P. Ed. II Semester IV**  
**Theory Courses**  
**MPEC-404**  
**VALUE AND ENVIRONMENTAL EDUCATION**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**UNIT I – Concept of Values**

Concepts of Values, importance of Values, sources of Values, types of Values

**UNIT II – Nature of Value Education and Environmental Education**

Concept of Value education, Need of Value education, process of Value education, Role of teacher in value education. Meaning, concept, objectives and importance of environmental education, Historical background of environmental education, Role of teachers in environmental education, Role of schools in environmental conservation and sustainable development.

**Unit- III – Value conflicts**

Concept of Value conflicts, ways to overcome Value conflicts, Recommendations of different educational commissions regarding value education, Role of parents in value education.

**Unit - IV Environmental problems and their impact on human life**

Problems related to pollution and its effects on human health, central measures of- 1.Air pollution, 2.Water pollution, 3. Soil pollution,

Problems related to pollution- 1. Noise pollution, 2. Nuclear hazards 3. Solid waste pollution 4. Radio active

Development of awareness about environmental problems among- 1. School pupils at higher secondary stage, 2. Local community.

Remedial measures of Environmental problems.

**Unit - V Environmental Management**

Environmental movements and projects- chipko, Apiko, Ganga action plan, Tiger project, Waste management- Domestic and Industrial reuse and recycling, Law of conservation of plants and animals, Environmental ethics- issues and possible solutions.

**REFERENCE:**

Miller T.G. Jr., Environmental Science (Wadsworth Publishing Co.)

Odum, E.P. Fundamentals of Ecology (U.S.A.: W.B. Saunders Co.) 1971.

Rao, M.N. & Datta, A.K. Waste Water Treatment (Oxford & IBH Publication Co. Pvt. Ltd.) 1987

Townsend C. and others, Essentials of Ecology (Black well Science)

Heywood, V.H. and Watson V.M., Global biodiversity Assessment (U.K.: Cambridge University Press), 1995.

Jadhav, H. and Bhosale, V.M. Environmental Protection and Laws (Delhi: Himalaya Pub. House), 1995.

Me Kinney, M.L. and "Schoel, R.M.- Environmental Science System and Solution (Web enhanced Ed.) 1996.

Miller T.G. Jr., Environmental Science (Wadsworth Publishing Co.)

**M. P. Ed. II Semester IV  
Theory Courses  
MPEC-404  
EDUCATION TECHNOLOGY IN PHYSICAL EDUCATION AND SPORTS**

**Credits – Theory - 4**

**Total Theory Lectures - 60**

**Unit I - Nature and Scope**

Educational Technology - concept, Nature and Scope. Forms of educational technology: teaching technology, instructional technology, and behavior technology; Transactional usage of educational technology: integrated, complementary, supplementary stand-alone (independent); programmed learning stage; media application stage and computer application stage.

**Unit II - Systems Approach to Physical Education and Communication**

Systems Approach to Education and its Components: Goal Setting, Task Analysis, Coniert Analysis, Context Analysis and Evaluation Strategies; Instructional Strategies and Media for Instruction. Effectiveness of Communication in instructional system; Communication -Modes, Barriers and Process of Communication.

**Unit III- Instructional Design**

Instructional Design: Concept, Views. Process and stages of Development of Instructional Design. Overview of Models of Instructional Design; Instructional Design for Competency Based Teaching: Models for Development of Self Learning Material.

**Unit IV - Audio Visual Media in Physical Education**

Audio-visual media - meaning, importance and various forms Audio/Radio: Broadcast and audio recordings - strengths and Limitations, criteria for selection of instructional units, script writing, pre-production, post-production process and practices, Audio Conferencing and Interactive Radio Conference. Video/Educational Television: Telecast and Video recordings Strengths and limitations, Use of Television and CCTV in instruction and Training, Video Conferencing, SITE experiment, countrywide classroom project and Satellite based instructions. Use of animation films for the development of children's imagination.

**Unit V - New Horizons of Educational Technology**

Recent innovations in the area of ET interactive video - Hypertext, video-texts, optical fiber technology - laser disk, computer conferencing, etc. Procedure and organization of Teleconferencing/Interactive video-experiences of institutions, schools and universities. Recent experiments in the third world countries and pointers for, India with reference to Physical education. Recent trends of Research in Educational Technology and its future with reference to education.

## REFERENCE:

Amita Bhardwaj, New Media of Educational Planning".Sarup of Sons, New Delhi-2003

Bhatia and Bhatia. The Principles and Methods of Teaching (New Delhi : Doaba House), 1959.

Communication and Education, D. N. Dasgupta, Pointer Publishers

Education and Communication for development, O. P. Dahama, O. P. Bhatnagar, Oxford Page 68 of 71 IBH Publishing company, New Delhi

Essentials of Educational Technology, Madan Lal, Anmol Publications

K. Sampath, A. Pannirselvam and S. Santhanam. Introduction to Educational Technology (New Delhi: Sterling Publishers Pvt. Ltd.) : 1981.

Kochar, S.K. Methods and Techniques of Teaching (New Delhi, Jalandhar, Sterling Publishers Pvt. Ltd.), 1982

Kozman, Cassidy and kJackson. Methods in Physical Education (W'.B.Saunders Company,Philadelphia and London), 1952.



**PUNYASHLOK AHILLYADEVI HOLKAR  
SOLAPUR UNIVERSITY, SOLAPUR**

**SKILL ORIENTED COURSE FOR  
M.P.Ed. PROGRAMME**

**TITLE OF THE COURSE  
CERTIFICATE COURSE IN OPEN GYM INSTRUCTOR**

**INTRODUCED FROM  
THE ACADEMIC YEAR**

**2021-22**

**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**Skill Oriented Course w. e. f. 2021 - 22**

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**Title of the Course:** Certificate course in open gym instructor

<input type="checkbox"/> Eligibility of the course	<b>: M.P.Ed. Semester - III</b>
<input type="checkbox"/> Total credit of the course	<b>: 04 Credit</b>
<input type="checkbox"/> Total marks of the course	<b>: 100 Marks</b>
<input type="checkbox"/> Weightage to practical work (marks)	<b>: 80 Marks</b>
<input type="checkbox"/> Weightage to Theory work (marks)	<b>: 20 Marks</b>
<input type="checkbox"/> Duration of the course	<b>: 12 weeks (60 Hours)</b>

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**Aim of the course: To develop skillful and trained instructor.**

**Learning Outcomes:** After successful completion of this course, the students will be able to:

- 1) To enable student to understand the need and importance of fitness and fitness center.
- 2) To introduce and make aware about fitness program.
- 3) To enable students to understand the effect of exercise on human body.
- 4) To enable students to understand and make aware about human posture.
- 5) To enable students to understand the benefits of open gym to develop socialization.
- 6) To make aware to give proper instructions about gym exercises.

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**Course Content:**

**Module 01: Introduction, difference and importance.**

- Introduction of gym.
- Introduction of open gym.
- Difference between gym and open gym.
- Importance of open gym.

**Module 02: Basics, benefits and safety measures.**

- Basic exercises of open gym.
- Benefits of open gym exercises.
- Benefits of open gym for social health.
- Safety measures in open gym.

**Module 03:**

- Essential equipments for open gym.
- Basic and advance exercises for open gym.
- Scheduling.
- Designing training program.

**Module 04:**

- Qualities of open gym instructor.
  - Duties and responsibilities of open gym instructor.
  - Visits to various clubs, fitness centers.
  - Report writing.
-



### Course Lay out

<b>Week</b>	<b>Content</b>	<b>Place</b>	<b>Hours</b>
Week 01	<ul style="list-style-type: none"> <li>• Introduction of gym and open gym.</li> <li>• Benefits of open gym.</li> </ul>	Classroom	05
Week 02	<ul style="list-style-type: none"> <li>• Purpose of open gym</li> <li>• Qualities and duties of open gym instructor.</li> </ul>	Classroom	05
Week 03	<ul style="list-style-type: none"> <li>• Warm up</li> <li>• Specific warm up (with related anatomical body movement)</li> </ul>	Practical	05
Week 04	<ul style="list-style-type: none"> <li>• Stretching exercises. (Pre work out and post work out)</li> </ul>	Practical	05
Week 05	<ul style="list-style-type: none"> <li>• Exercises of back.</li> <li>• Exercises of biceps.</li> <li>• Exercises of forearms.</li> </ul>	Practical	05
Week 06	<ul style="list-style-type: none"> <li>• Exercise of legs.</li> <li>• Exercise of chest.</li> <li>• Exercises of shoulder.</li> <li>• Exercises of triceps.</li> </ul>	Practical	05
Week 07	<ul style="list-style-type: none"> <li>• Schedule</li> <li>• Designing training program</li> </ul>	Practical	05
Week 08	<ul style="list-style-type: none"> <li>• Demonstration by trainee instructor.</li> <li>• Exercises of chest.</li> <li>• Exercises of back.</li> <li>• Exercises of arms.</li> </ul>	Practical	05
Week 09	<ul style="list-style-type: none"> <li>• Demonstration by trainee instructor.</li> <li>• Exercises of legs.</li> <li>• Exercises of shoulder.</li> <li>• Exercises of triceps.</li> </ul>	Practical	05
Week 10	<ul style="list-style-type: none"> <li>• Actual training by trainee instructor.</li> </ul>	Practical	05

Week 11	<ul style="list-style-type: none"> <li>Practice and revision</li> <li>Evaluation Process includes:             <ol style="list-style-type: none"> <li>Practical Activity</li> </ol> </li> </ul>	Practical	05
Week 12	<ul style="list-style-type: none"> <li>Evaluation Process includes:             <ol style="list-style-type: none"> <li>Practical Activity</li> <li>Viva Voce</li> </ol> </li> </ul>	Practical	05
	<ul style="list-style-type: none"> <li>Theory Test or exam</li> </ul>	Classroom	

### CA Evaluation system or process of the course:

Sr. No.	Course Nature	Particular	Marks
01	Theory course	MCQ test at the end of the course	20
02	Practical Activity evaluation	Demonstration of physical fitness exercise and wellness activities	60
03	Practical Activity evaluation	Performance Test Administration, Assessment (any one test)	10
04	Viva Voce	Viva Voce related to Practical Activity	10
<b>TOTAL MARKS</b>			<b>100</b>

### References:

1. Strength training and conditioning: R. A. Proctor
2. Sports Training principles: Frank W. Dick.
3. Nutrition and diet therapy: Lutz and Przytulshi.
4. Basic weight training for men and women: Thomas D. Fahey.
5. ACE
6. ISSA.
7. Atlas of anatomy (Trevor Weston).
8. World Wide Web.
9. Principles of anatomy and physiology by Gerrad J. Tortora.
10. [www.actionforhealthykids.org](http://www.actionforhealthykids.org).







**PUNYASHLOK AHILYADEVII HOLKAR  
SOLAPUR UNIVERSITY, SOLAPUR**

**SKILL ORIENTED COURSE FOR  
M.P.Ed. PROGRAMME**

**TITLE OF THE COURSE  
PHYSICAL FITNESS AND WELLNESS TRAINER**

**INTRODUCED FROM  
THE ACADEMIC YEAR**

**2021-22**

**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**Skill Oriented Course w. e. f. 2021 - 22**

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**Title of the Course: Certificate course in Physical Fitness and Wellness Trainer.**

- Eligibility of the course : **M.P.Ed. Semester - III**
- Total credit of the course : **04 Credit**
- Total marks of the course : **100 Marks**
- Weightage to practical work (marks) : **80 Marks**
- Weightage to Theory work (marks) : **20 Marks**
- Duration of the course : **12 weeks (60 Hours)**

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**Aim of the course: To develop a skillful and trained trainer of physical fitness and wellness.**

**Learning Outcomes:** After successful completion of this course, the students will be able to:

- 1) To enable students to become competent and committed professional.
- 2) To enable student to understand the need and importance of fitness and wellness.
- 3) To introduce and make aware about fitness and wellness program.
- 4) To enable students to design schedule.
- 5) To enable students to understand the effect of exercise on human body.
- 6) To enable students to understand and make aware about human posture.
- 7) To make aware to give proper instructions about exercises and wellness activities.
- 8) To make aware about the duties and responsibilities of trainer.

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**Course Content:**

**Module 01: Fundamentals of Psychological testing**

- Meaning and concept of physical fitness
- Meaning and concept of wellness.
- Components of physical fitness.
- Dimensions of wellness.

**Module 02:**

- Different Exercises for physical fitness.
- Specific exercise for development of physical fitness components.
- Concept Balance diet.
- Nutrition.

**Module 03:**

- Concept of weight training.
- Yogic exercises for physical fitness and wellness.
- Team building activities.
- Activities for stress management.

**Module 04:**

- Qualities of fitness and wellness trainer.
  - Duties and responsibilities of trainer.
  - Visits to various fitness centers, clubs etc.
  - Report writing.
-

### Course Lay out

<b>Week</b>	<b>Content</b>	<b>Place</b>	<b>Hours</b>
Week 01	<ul style="list-style-type: none"> <li>• Meaning and concept of physical fitness</li> <li>• Meaning and concept of wellness.</li> <li>• Components of physical fitness.</li> </ul>	Classroom	05
Week 02	<ul style="list-style-type: none"> <li>• Dimensions of wellness.</li> <li>• Concept Balance diet.</li> <li>• Nutrition.</li> </ul>	Classroom	05
Week 03	<ul style="list-style-type: none"> <li>• Weight training exercises.</li> <li>• Exercises of back.</li> <li>• Exercises of biceps.</li> <li>• Exercises of forearms</li> </ul>	Practical	05
Week 04	<ul style="list-style-type: none"> <li>• Exercise of legs.</li> <li>• Exercise of chest.</li> <li>• Exercises of shoulder.</li> <li>• Exercises of triceps.</li> </ul>	Practical	05
Week 05	<ul style="list-style-type: none"> <li>• Yogic exercises for physical fitness and wellness.</li> </ul>	Practical	05
Week 06	<ul style="list-style-type: none"> <li>• Team building activities.</li> </ul>	Practical	05
Week 07	<ul style="list-style-type: none"> <li>• Activities for stress management.</li> </ul>	Practical	05
Week 08	<ul style="list-style-type: none"> <li>• Scheduling.</li> <li>• Designing training program.</li> </ul>	Practical	05
Week 09	<ul style="list-style-type: none"> <li>• Demonstration by trainee instructor:-               <ol style="list-style-type: none"> <li>1. Weight training exercises.</li> <li>2. Yogic exercises for physical fitness and wellness.</li> <li>3. Team building activities.</li> <li>4. Activities for stress management.</li> </ol> </li> </ul>	Practical	05
Week 10	<ul style="list-style-type: none"> <li>• Actual training by trainee instructor.</li> </ul>	Practical	05



Week 11	<ul style="list-style-type: none"> <li>Practice and revision</li> <li>Evaluation Process includes:             <ol style="list-style-type: none"> <li>Practical Activity</li> </ol> </li> </ul>	Practical	05
Week 12	<ul style="list-style-type: none"> <li>Evaluation Process includes:             <ol style="list-style-type: none"> <li>Practical Activity</li> <li>Viva Voce</li> </ol> </li> </ul>	Practical	05
	<ul style="list-style-type: none"> <li>Theory Test or exam</li> </ul>	Classroom	

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- ACE
- ISSA.
- Atlas of anatomy (Trevor Weston).
- World Wide Web.
- Principles of anatomy and physiology by Gerrad J. Tortora.
- globalwellnessinstitute.org.
- Physical Fitness And Wellness: Jerrold S. Greenberg.



