

Syllabus
(As per NEP 2020)
BACHELOR OF EDUCATION (B.Ed.)
Two-Year Regular Program



(w.e.f. Academic Session 2024-2025 onwards)

Pandit Deendayal Upadhyaya Shekhawati University

Sikar (Rajasthan) 332024

E-mail: reg.shekhauni@gmail.com

Website: www.shekhauni.ac.in

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Dy. Registrar
Pandit Deendayal Upadhyaya
Shekhawati University,
Sikar(Rajasthan)

SCHEME OF EXAMINATION COURSE OF STUDIES

BACHELOR OF EDUCATION (B.Ed.)

Admission Rules for B.Ed. (Two Years Course)

Admission rules for the B.Ed. course shall be the same as decided by the NCTE/Government of Rajasthan from time to time. Reservation of seats for SC/ST/OBC/SBC/Specially-abled and others shall be as per existing Rajasthan Govt. /Central Govt. /University rules

Admission Procedure for B.Ed.:

Admission shall be made on the basis of marks obtained in the qualifying Examination or through the entrance examination or any other selection process or as per policy decided by the State Government and the University time to time.

Duration and Working Days

Duration:

The B.Ed. programme shall be of duration of Two Academic Years, consisting of 4 semester which must be completed in a Maximum of Three Years from the date of the admission in the programme.

Working Days (For Both Years):

There shall be at least Two Hundred Working Days for each year exclusive the period of examination and admission.

- Institution shall work for a minimum of thirtysix hours a week, during which physical presence in the institution of all the teachers and student-teachers is necessary to ensure their availability for advice, guidance, dialogue and consultation as and when needed.
- The minimum attendance of student-teachers shall be 80% for all course work and practicum, and 90% for school internship.
- Candidates falling short in above stated attendance criteria, will not be allowed to appear in the final examinations conducted by the university.
- There will be six days week system.
- Candidates remaining absent from college for 15 or more days without any justifiable reason or without any valid information, their names will be struck off the college roll list. Such candidates will have to seek re-admission from a fresh end.

Eligibility : Candidates with at least 50% marks either in Bachelor Degree/or in Master Degree in Science/Social Science/Humanities/Commerce – Bachelor of Engineering of Technology with specialization in Science and Mathematics with 55 % marks or any other qualification equivalent there to, Relaxation in case PH reservation categories will be as perstate government guidelines.

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OBJECTIVES:

The objectives of this programme is to prepare teachers from Upper Primary to Middle level (Classes VI-VII), Secondary level (Classes IX-X) & Senior Secondary level (Classes XI-XI). Pre –service teacher education programme are to enable the prospective teacher: -

- ❖ To develop professionalism in Teacher Education.
- ❖ To motivate creative thinking and work among teacher trainees.
- ❖ To foster moral, social character and spiritual values of trainees.
- ❖ To develop Inter-relationship among Department, School and Society.
- ❖ To develop cognitive, affective and Psycho-motor domain of the teacher trainees.
- ❖ To promote for future Prospective, Employability and Skill based Teacher Training
- ❖ To develop Self Evaluation, Positive Attitude and Self confidence
- ❖ To apply educational innovation and new strategies of the Teacher Education and trainee.

GENERAL RULES

- a) Teaching subject means a subject offered by the candidate at his Bachelor's or Master's Degree Examination either as a compulsory subject or as an optional subject or as a subsidiary subject provided that candidate studied it for at least two years and also took University Examination each year but shall not include such subject as were studied by him only for a part of Bachelor's Degree course.

Thus, the qualifying subjects like General English, General Hindi, General Education, History of Indian Civilization and Culture, Elementary Mathematics etc. Prescribed for the First year T.D.C. Course of the University or a subject dropped by the candidates at the part I stage of the degree course shall not be treated as teaching subject. In case of Honours Graduates, besides the honours subjects the subsidiary subject would also be taken into account provided the candidate studied the same for at least two academic years and also took University Examination each year.

- b) Only such candidates shall be allowed to offer Social Studies for the B.Ed. Examination as have taken their Bachelor's Degree with any one subjects out of History, Political Science, Public Administration. Economics, Geography, Sociology, Psychology, Education, Music D&P, Home Science, Computer, Office Management and Secretariat Practice, Product & Export and Leather, Indian Music, Musicology, Archival Science.

A Candidate who has offered Political Science on Public Administration at his Bachelor's or masters' Degree examination shall be deemed eligible to offer Civics as a teaching subject in B.Ed. Examination

Different categories of courses are as follows:

CORE COURSE

A Course which should compulsorily be studied by candidate as a core requirement is termed as core course.

- a. Core-Compulsory is a course which has to be studied compulsorily as a part of core requirement so as to get degree in concerned discipline.
- b. Core Elective or Core allied is a course that supports / strengthens the core compulsory.

ELECTIVE COURSE

It is a course which can be chosen from pool of courses. The course may be specific / specialized / supportive or advanced to the discipline of study.

Generic Elective Course add generic proficiency to the students and they are for the said discipline of study

Open Elective courses are from the pool of courses that are interdisciplinary and or multidisciplinary.

FOUNDATION COURSE

Compulsory Foundation Course add generic proficiency to the students belonging to all disciplines of study. Elective Foundation Courses are value based and aimed at man making education.

- a. A module means a course having independent entity.
- b. 'Unit' means a course having independent part in a course.
- c. "Credit" means the unit by which the course work is measured. It defines the quantum of contents/syllabus prescribed for the course. It also determines the number of hours of instructions required per week. In these regulations one credit means one hour of direct teaching work or two hours of practical work/field work per week for 20 weeks in a semester.
- d. "Grade Letter" is an index to indicate the performance of student in a particular course. It is arrived at by transformation of actual marks secured by a student in a said course. Grade letters are O,A,B,C,D,E,F.
- e. "Grade Point" is the weightage allotted to each grade letter depending on the range of marks awarded in a course.
- f. "Credit Points" refers to the product of "Number of credit assigned to the course" and the grade point secured for the same course.
- g. "Semester Grade Point Average" (SGPA) is an index of a student's performance in a given semester. It is the ratio of the "Total credit points earned by students in all courses at the semester" and the "Total number of credit assigned to the courses" in the semester.
- h. "Cumulative Grade Point Average" (CGPA) refers to the cumulative grade point average of SGPA and is computed based on the following formula.

$$CGPA = \frac{\text{Sum of all Credit Points of Entire Programme}}{\text{Sum of Credits up to the end of Programme.}}$$

Credit Framework for Normal under Graduate Level Course

The normal graduation programme have 20 credits per each course and per semester making total credits for whole programme as 80. The distribution of credits or weightage of core, elective and Foundation courses may be as follows:

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Distribution of Credit for semester is asr Follows:				
Semester	I	II	III	IV
Credits	20	20	20	20

Credit and Teaching Hours.

- 1 Credit = 1 hour Teaching
 1 Credit = 2 hour of Practical / Fieldwork
 4 Credit Course needs four hour Student Teacher contact in a week.

Units and Course : A theory course shall have Four units.

Credits and Marks

1 Credit = 25 marks

Grading

Grade Points	Description	% of Marks	Division	Grade
10	Outstanding	90% - 99%	First	O
9	Excellent	80% - 89%	First	A
8	Very Good	70% - 79%	First	B
7	Good	60% - 69%	First	C
6	Fair	50% - 59%	Second	D
5	Average	36% - 49%	Pass	E
4	Dropped	Below 36%	Fail	F

Performance Evaluation

(Calculation) $SGPA = ECG/EC$

for a Semester

G is grade and C is Credit of Course.

Cummulative Grade Point Average (CGPA) for entire course $CGPA = ECG/EC$ for all semester taken together.

The total credits cover the core, elective, field work or extension activities, soft skills etc.

GPA is calculated at the end of each term after grades have been processed and after any grade has been updated or changed.

Some criteria are to be followed for individual assignment / Quizzes/Test/Unit Test/ Tutorials/ Practical/ Projects/ Seminar.

The teacher should convert his/her marking in to the quality points and letter grade.

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SCHEME OF EXAMINATION

Hindi/English shall be medium of instruction of examination.

Examination shall be conducted at the end of each semester as per the academic/examination calendar notified by the Institute.

Each theory paper will be valued as per marks division given in the prospectus which will include semester end theory exam. Practical (wherever applicable) and continuous internal assessment (CIA).

CIA will include the following components:

Class Tests	15 marks
Assignments	15 marks
Total	30 marks

For UG students to pass a semester, a student has to secure a minimum of 40% marks in aggregate and minimum of 36% marks in individual theory papers. A student has to pass in written examination.

Question Papers

1. Each question paper of 70 marks will have 3 Sections. Section- A will contain 10 objective type questions, candidate will be required to attempt all questions each carrying 01 mark. There will be two question from each unit and the remaining two questions will be from any two of the four units. Section -B will contain short answer type 08 questions, out of wick the candidate will be required to attempt any 05 questions each carrying 06 marks and the answer word limit for each question will be 200 words. Section-B will have two question from each unit. Section -C will contain Eassay type two questions with an internal choice for each question. Eassay type questions will carry 15 marks each and answer word limit for each question will be 500 words. This section will have one question from each unit.
2. EPC-III, question paper of 50 Marks will be of objective type., containing 100 questions each carrying 0.5 Mark

ORGANIZATION EVALUATION OF PRACTICE TEACHING

1. Every Candidate will teach at least 40 Lesson (20 in Semester -II and 20 in Semester IV) During intership in school, at least 10 lessons in each subject should be supervised by the school subject teacher.
2. 40 (20+20) Lessons as desired in syllabus should be completed as full period class room lesson. Micro Teaching Lesson to be used in addition to those 40 lessons for developing certain teaching skills.

3. The internal assessment in practice of teaching will be finalized by the Principal with help of Members of the teaching staff and the same will be Communicated to the university before the commencement of the practical semester II & IV
4. At B.Ed. Semester-II & IV each candidate should be Prepared to teach one lesson at final practice examination.

The practical work (internship Records, Sessional Dairies, and mid-term answer sheets) shall be properly maintained by the college and may be made available for work satisfaction of external examiner in school internship (practice Teaching), those are expected to submit a report regarding this separately.

Evaluation

Final Lesson-The board of examination will consist of:

- a) The Principal of the college concerned
- b) A principal or a senior and experienced member of the teaching staff of another training college, affiliated to PDSU, Sikar
- c) An external examiner from outside the PDSU, Sikar or a senior member of the teaching staff of an affiliated training college.
- d) The board as far as possible will represent social science, Language and science.

EPC Evaluation Panel:

Theory/Practical and viva-voce Examination Panel will be:

- a. Principal of the college.
- b. Internal Subject Expert/Teacher

SCHOOL INTERNSHIP

As the title suggests, in this component of the programme, the student-teacher are actually placed in a school for a duration of four and sixteen week, in two time slots. Initially, they will be attached to particular school for four weeks as 'school attachment'.

A time gap after this school attachment will provide opportunity to student teacher to share experiences, reflect, clarify several things with teacher educators and internalize them.

After about four weeks, they will go for 'school placement' of sixteen weeks. During this period, their role in the school is something like an 'apprentice' and its specific contours need to be worked out by course faculty.

They will be engaged in the school functioning in all its aspects.

Main Objectives

- Student teacher will be able to reflect on their practice, and learn to adapt and modify their visualization/implementation towards betterment of student learning involve in various school activities and processes in order to gain a 'feel' of the multiple roles of a teacher.

- Develop understanding of the 'school culture' and learn to reflect upon, consolidate and share their school experiences; and to recognize one's own development as a teacher.
- To developing capacities to think with educational theories and applying concept in concrete learning situations, managing classroom learning, evaluation learners and providing feedback, learning to work with colleagues, reflecting on one's own professional practice are drawn upon to provide appropriate learning experiences for the student teacher that is critical to the education of teachers.
- To undertake responsibility for planning and implementation of learning situations for specific units of study, in the context of their school.

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BACHELOR OF EDUCATION (B.ED.)
(SEMESTER- I)
DISTRIBUTION OF PAPERS, MARKS AND CREDITS

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Mini. Pass Mark		Total
						Internal Assessment	External Assessment	
24BED- 101T	Childhood and Growing up	CC	4	30	70	12	28	100
24BED- 102T	Contemporary India and Education	CC	4	30	70	12	28	100
24BED- 103T	Learning and Teaching	CC	4	30	70	12	28	100
24BED- 104T	Language Across the Curriculum	CC	4	30	70	12	28	100
24BED- 105T	Reading and reflecting on texts (EPC) (Internal)	CC	2	15	35 (Practical & Viva Voce.)	25	--	50
24BED- 106P	Practical Work	CC	2	50	--	25	--	50
		Total	20					500

Enhancing Professional Capacity (EPC)

* EPC Course exam to be conducted by the college. This course has internal written /Practical (Or Both) assessment only and so the candidates are required to obtain passing minimum marks to be eligible for the semester-I exam.

(SEMESTER -II)

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Mini. Pass Mark		Total
						Internal Assessment	External Assessment	
24BED- 201T	Knowledge and Curriculum - A	Any One CC	4	30	70	12	28	100
24BED- 202T	Knowledge and Curriculum -B							
24BED- 203T	Understanding Disciplines and Subject	CC	4	30	70	12	28	100
24BED- 204T	Hindi	Pedagogy of School subject (Any One) CE	4	30	70	12	28	100
24BED- 205T	English							
24BED- 206T	Sanskrit							
24BED- 207T	Urdu							
24BED- 208T	History							
24BED- 209T	Civics							
24BED- 210T	Social Studies							
24BED- 211T	Economics							
24BED- 212T	Geography							
24BED- 213T	Home Science							
24BED- 214T	Chemistry							
24BED- 215T	Physics							
24BED- 216T	Mathematics							
24BED- 217T	Genral Science							
24BED- 218T	Biology							
24BED- 219T	Commerce Practice							
24BED- 220T	Book Keeping							
24BED- 221T	Drawing and Painting							
24BED- 222T	Music							

24BED223P	Open AIR/SUPW CAMP	CC	2	50		25		50
24BED- 224I	School Internship (4Weeks)	CC	2	50		25		50
24BED- 225P	External Assessment (One Final Lesson) University Exam	CC	4	--	100	--	50	100
			20					500

(SEMESTER- III)

Course Code	Course Title	Course Category	Credit	C.I.A	Theory	Mini. Pass Mark		Total
						Internal Assessment	External Assessment	
24BED- 301T	Gender, School and Society	CC	4	30	70	12	28	100
24BED- 302T	Assesment for Learning	CC	4	30	70	12	28	100
24BED- 303T	Creatin g an Inklusiv e school	CC	4	30	70	12	28	100
24BED- 304T	Drama and Arts in Educa tion (EPC)	CC	2	15	35 (Practical & Viva Voce.)	25	--	50
24BED- 305T	Critical understand ing of ICT (EPC-III)	FC	4	50	50	25	18	100
24BED- 306P	Practical Work	CC	2	50		25		50
		Total	20					500

Enhancing Professional Capacity (EPC)

* EPC Course exam to be conducted by the college. This course has internal written /Practical (Or Both) assessment only and so the candidates are required to obtain passing minimum marks to be eligible for the semester-III exam.

(SEMESTER -IV)

Course Code	Course Title	Course Category	Credit	C. I. A.	Theory	Mini. Pass Mark		Total
						Internal Assessment	External Assessment	
24BED-401T	Hindi	Pedagogy of School subject (Any One) CE	4	30	70	12	28	100
24BED-402T	English							
24BED-403T	Sanskrit							
24BED-404T	Urdu							
24BED-405T	History							
24BED-406T	Civics							
24BED-407T	Social Studies							
24BED-408T	Economics							
24BED-409T	Geography							
24BED-410T	Home Science							
24BED-411T	Chemistry							
24BED-412T	Physics							
24BED-413T	Mathematics							
24BED-414T	Genral Science							
24BED-415T	Biology							
24BED-416T	Commerce Practice							
24BED-417	Book Keeping							
24BED-418T	Drawing and Painting							
24BED-419T	Music							
24BED-420T	Understanding the Self (EPC)	CC	2	15	35 (Practical & Viva Voce.)	25	--	50
24BED-421T	Teacher Education	Optional Special Course (Any one) CE	4	30	70	12	28	100
24BED-422T	Physical Education & yoga							
24BED-423T	Guidance and Counseling							
24BED-424T	Value Education							
24BED-425T	Environmental Education							
24BED-426I	School Internship (16 Weeks)	CC	4	100	--	50	--	100
24BED-427P	Practical Work	CC	2	50		25		50

24BED-428P	External Assessment (One Final Lesson) University Exam	CC	4	--	100		50	100
		Total	20					500

Enhancing Professional Capacity (EPC)

* EPC Course exam to be conducted by the college. This course has internal written /Practical (Or Both) assessment only and so the candidates are required to obtain passing minimum marks to be eligible for the semester-IV exam.

EPC- Enhancing Professional Capacities

CIA-Continuous Internal Assessment

CC- Core Compulsory

CE - Core Elective

FC- Foundation Course


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SEMESTER - I

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-101T	Childhood and Growing Up	CC	4	30	70	100

OBJECTIVES:

- Teacher trainees can aware about concept, methods & applications of Educational Psychology.
- To aware the trainees about concept and developmental dimensions of childhood. Trainees got informed about imagination, creativity & interests at school level.
- To know the related problems of Adolescence & remedies through Guidance & Counselling services.
- To aware about the process of human developmen
- To build sensitivity towards childrens needs and capabilities within their socio- cultural context

COURSE CONTENTS:

UNIT-I EDUCATIONAL PSYCHOLOGY AND DEVELOPMENT

Educational Psychology: Concept, Methods & Applications

Implications of Educational Psychology: Teachers, Curriculum, Class-room Situations Indian Psychology:

Concept and its implication

Growth & Development

Cognitive development: - Piaget & Bruner

UNIT-II CHILDHOOD AND ITS DEVELOPMENT

Its concept & characteristics

Physical, Mental, Emotional, Social & Moral Development Dimensions to fostering Imagination, Memory & Creativity Activities for Personality Development

Language Development

UNIT-III ADOLESCENCE AND ITS DEVELOPMENT

Its Meaning & Characteristics

Physical, Emotional, Social, Spiritual & Moral Development Fostering Thinking, Reasoning & Problem-solving abilities Activities for Personality Development

Related Problems & Remedies

Guidance & Counselling services in schools

UNIT-IV LEARNER :

Psychological Dimensions & New Trend

Personality : Concept, Types & Measurement

Intelligence & Multiple Intelligence : Meaning, Theories & Measuremen Creativity : Meaning, Development & Measurement

Adjustment : Concept, Process & Mechanism Mental Health : Concept,

Components & Scope

Assignment & Practical Works: (Any Two)

Prepare a short term project to enhance Imagination, Creativity and Memory for school level students

Prepare, administer and interpret a Case study/ Questionnaire related to problems of adolescence
 One Assignment Workrelated to topics in above unit
 Organize various Guidance and Counseling campaign for secondary level students Administer,
 Score and interpret a standardized psychological test related to
 personality/Intelligence/ Creativity/ Mental Health/Adjustment
 Prepare a Survey report related to various psychological dimension, problems and related
 remedies for school students

Learning Outcomes:

After completion of this course students would able to:

- Utilize the knowledge of Educational Psychology for school education. Apply the concept of Growth & Development in teaching field.
- Plan various activities to fostering imagination, creativity & interests at school level.
- Know about various aspects related to Cognitive, Emotional & Social development of learner.
- Diagnose related problems of Adolescence & remedies through Guidance & Counselling services.

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SEMESTER I

20.

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-102T	Contemporary India and Education	CC	4	30	70	100

OBJECTIVES:

- To know the concept and nature of Education.
- To know the social mobility and social skill.
- To understand the various committee and commission. +
- To educate about the recent policies of Education.

COURSE CONTENTS

UNIT-I CONCEPT AND NATURE OF EDUCATION

Education : Concept, Nature, Objectives and Functions
Role and problems of education in nation building
Current educational provisions of education in India (One year)
Educational thoughts of Indians thinkers (Vivekanand and Mahatma Gandhi)

UNIT-II SOCIAL ASPECTS OF EDUCATION

Sociology in education : Concept, Functions and Contribution
Social change : Meaning, Definition, Factors and Effects of Education
Social mobility Education and culture
Role of education in development of social skills.

UNIT-III PROGRESSIVE DEVELOPMENT OF EDUCATION IN TERMS OF COMMISSIONS AND COMMITTEES

Characteristics of ancient, medieval and british period of education. Radhakrishna Commission of Education (1948)
Mudaliyer Commission of Education (1952)
Kothari Commission of Education(1964)
National education policy (1968 and 1986)
Revised national education policy (1992)

UNIT : IV PROGRAMMES FOR EDUCATION

Issues and problems in prevailing education system at National and State level Right to Education Act 2009
Sarva Shiksha Abhiyan and Mid day Meal Programme Rashtriya
Madhyamik Shiksha Abhiyan
Education as related to social equity and equality of educational opportunities

Assignment & Practical Works: (Any Two)

- Write the educational contribution of Any one Indian Thinker.
- Prepare a Assignment Work on how we can inculcate values in the present system of education.
- Prepare a structure of education since ancient period to present time.

Concept of education in Emerging Indian Society as relevant to school children's
Development of moral attitude through self management

Learning Outcomes:

After completion of this course students would able to:

- Know social aspects of education and develop educational perspective.
- Solve prevailing problems of education in India.
- Understand the purpose, function and Role of education in nation building.
- Understand knowledge of the Indian education system as it has evolved from the past, as it is today.
- Understand the concept, principle of sustainable development and core concept of educational thinkers.
- Know social equity and equality of educational opportunities.

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SEMESTER-I

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED- 103T	Learning and Teaching	CC	4	30	70	100

OBJECTIVES:

- To acquire the basic knowledge of learning and Teaching.
- To understand the implications of education.
- To develop various methods of teaching.
- To understand the various application of education.

Course Contents:

Unit –I: basics of learning

Learning : Concept, Nature and Characteristic
Factors Affecting Learning
Laws and Types of Learning Cognitive Learning- Peaget, Bruner
Transfer of Learning

Unit-II : Theories of Learning and their Educational Implications.

Trial and Error theory
Classical conditioning theory
Operant conditioning theory
Insight theory of Learning
Social Learning theory (Bandura)

Unit-III Concept variables and models of Teaching

Teaching : concept, Nature and characteristics
Variables of Teaching and their functions
Factors Affecting Teaching and Teaching process
Relationship between teaching and Learning
Teaching model- concept, functions, sources and elements

Unit-IV Theories and Application of Teaching

Levels of Teaching - memory, understanding and Reflective
Teaching theories-concept, need, types and utility
Analyzing Teaching in Diverse classrooms
Teaching as a complex activity
Teaching as a profession

Assignment & Practical Works: (Any Two)

One Assignment Work on any topic related with above Unit.
One Practical Work on any topic related with above Unit.

Learning Outcomes:

Acquire knowledge and understanding of learning and Teaching.
Understand the theories of learning.

Develop the skill of active engagement of students in teaching learning activity.
 Investigate differences and connections between learning in school and learning outside school.
 Inculcate the knowledge of teaching and its process.
 Understand learners, learning process and school.

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SEMESER - I

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-104T	Language Across the curriculum	CC	4	30	70	100

OBJECTIVES:

- To understand the various mode of language like reading, wirting, speaking and listining.
- To develop the skill of oral and written language.
- To acquainte with the idea of composition and art of writing i.e. letter, paragraph, application etc.
- To develop the Vocabulary Building and Language Problems & its Remedies To develop the vocabulary and language proficiency and related remedies.

Course Contents:

Unit -I Language acquisition and development

Language : Concept, Meaning and Nature
Language usages : Written, Oral, Role Playing with Communication
Language Policy : First (Mother tongue) Second (Foreign language)
Third (Religious or classical language)
Language development : From childhood to Adult stages

Unit -II Language Skills

Reading : Silent reading vs Rapid reading, News Paper, Journal, Books
Narrative Text vs. Expository text
LSRW (Listening, Speaking, Reading, Writing)
Note making and creative writing (Essay, Application, Letter, Paragraph)

Unit -III Language & Classroom Interaction

Expression : Public Speech, Lecture,
Debating Multilingualism in classroom
Summarizing and Reflection
Errors and Correction of Language in class

Unit-IV Vocabulary Building and Language Problems & its Remedies

New Structure and building of vocabulary
Learning new vocabulary and Diagnostic
Language Errors Language Phonemes & Identification of Sound Errors
Remedial Programme for Language Development

Assignment & Practical Works: (Any Two)

Write Any one Assignment Work
Identify speech defect in classroom
teaching Prepare a Report on Creative
Writing
Prepare a C.D. on communication (30 minutes)
Any other assignment suggested by the subject teacher

Learning Outcomes:

After completion of this course students would able to:

Understand the nature and use of language.

Develop the idea of Multilingualism in class room teaching.

Create the sense of language and its flavor.

Inculcate language skills among trainees.

Evaluate skills creative writing and expression.

Acquire the idea of composition and art of writing i.e. letter, Paragraph, application etc. Develop ornamental use of vocabulary in different curriculum

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3. Richards, J.C. and Rodgers, T.S. (2000), Approaches and Methods in Language Teaching, Cambridge, CUP.

SEMESER - I

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-105T	Reading & Reflecting on Texts (EPC)	CC	2	15	35 (Practical & Viva-Voce.)	50

OBJECTIVES:

- To develop basic Communication Skills.
- To promote Creative Writing among students.
- To acquire the knowledge of art of Speaking

Course Contents:

Unit- I Reading Comprehension

- Explain with stage of any self expression of any one guest.
- Enlist errors in reading among school students.
- Review of any one books with reading.
- Write the educational essence of any five stories and morale thought with reading.

Unit- II Writing composition & Action Plan

- Recite 10 poem / verse/ stanza and write it. Prepare an action plan and organize accordingly. Proof reading.
- Prepare list of innovative vocabulary for speaking. (50 words).

Learning Outcomes:

After completion of this course students would able to:

- Understand Communication Skills. Promote Creative Writing among students Explain the art of speaking

Assignment & Practical Works: (Any Two)

- One Assignment Work on any topic related to above units.
- Prepare a plan and organize any two activities related to above units. Demonstrate different type of speaking.
- o identify the causes of ineffective speech and remedies for it.

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**B.ED. SEMESTER - I
PRACTICAL WORK**

24BE D- 106P	Practical Work	CC	2	50	00	25	--	50
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SN	PRACTICAL WORK	MAXIMUM MARK
1	Micro Teaching	10 Marks
2	Demonstration Lesson	10 Marks
3	Psychosocial Test (Five Test)	10 Marks
4	Unit Plan	05 Marks
5	Blue Print	05 Marks
6	Digital Lesson Plan (Each Method)	10 Marks
Total		50 Marks

Guidelines for the Practical Work

- **Micro Teaching (any Five Skills)**
 1. Skill of Introduction
 2. Skill of Questioning
 3. Skill of Exemplifying
 4. Stimulus-Variation Skill
 5. Black-Board Writing Skill

SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-201T	Knowledge and Curriculum (part-A)	CC Any one	4	30	70	100
24BED 202T	Knowledge and Curriculum (part-B)					

24BED-201T: Knowledge and Curriculum (part-A)

OBJECTIVES

- To know the concept objective and principles of curriculum.
- To develop the idea and bases of curriculum.
- To understand various types of curriculum.

COURSE CONTENTS:

Unit- I Knowledge and Curriculum Concept

Knowledge : Concepts, Characteristics, Sources of Acquiring,
Methods of Acquiring Curriculum: Meaning, Definition, Characteristics, Aims Importance
Difference between old and new concepts of curriculum Principle of curriculum
construction and Knowledge

Unit- II Bases of curriculum

Sociological bases
Scientific bases
Philosophical bases
Psychological bases

Unit- III Types of curriculum

Activity centered and life centered curriculum
Subject centered and core centered
Experience centered and work based curriculum
Hidden Curriculum

Unit- IV National curriculum

Concept and Characteristics of National curriculum
Curriculum reform in India
NCF-2005 (School education)
NCFTE-2009(Teacher education)

ASSIGNMENT & PRACTICAL WORKS: (ANY TWO)

- One Assignment Work on the topic related with the unit.
- Preparation of any one Assignment Work on curriculum .
- Review of present curriculum (Optional subject related) Curriculum framework for 10th class.

Learning Outcomes:

After completion of this course students would able to:

- Understand the concept, objective and principles of curriculum.
- Develop the idea and bases of curriculum.
- Evaluate the relevancy of curriculum.
- Describe various approaches to curriculum construction.

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- 16- National Curriculum Frame work NCF (2005), for Scholl Education, NCTE, New Delhi

24BED-202T: Knowledge and Curriculum (part-B)

OBJECTIVE

- To develop ideas of philosophical bases of curriculum
- To various Sociological bases of curriculum
- To develop various psychological bases of curriculum
- To develop Educational New Trends of curriculum

COURSE CONTENTS:

UNIT- I PHILOSOPHICAL BASES OF CURRICULUM DEVELOPMENT

Idealism, Naturalism, Pragmatism and curriculum

Jain philosophy , Geeta Philosophy , Buddhism Philosophy and curriculum

M. K. Gandhi, Vivekanand , R. N. Tagore and curriculum

Unit- II Sociological basis of curriculum development

Social change and curriculum

Social Mobility and curriculum

Social development and curriculum

Culture and curriculum

Unit- III Psychological bases of curriculum development

Structuralism and curriculum

Behaviourism and curriculum

Associationism and curriculum

Gestaltism and curriculum

Unit- IV Educational New Trends of curriculum

Skill and curriculum

Values and curriculum

NCF-2005(School Education)

NCFTE-2009(teacher Education)

Assignment & Practical Works: (Any Two)

Preparation of One Assignment Work.

One abstracts of Educational New trends article published in some standard Journals Preparation of curriculum Design (any subject related)

Curriculum frame work for B.Ed. programmed.

Learning Outcomes:

After completion of this course students would able to:

Describe various philosophical bases of curriculum Understand

various Sociological bases of curriculum Acquire various

psychological bases of curriculum Develop Educational New

Trends of curriculum

REFERENCES :

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SEMESTER – II

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-203T	Understanding Discipline and Subjects	CC	4	30	70	100

24BED-203T: Understanding Discipline and Subjects

OBJECTIVES:

- To make aware the students about the disciplines and its characteristics.
- To give Introduction of Kalidas, Tulsidas and Shakespeare
- To understand the scientific idea of science education.
- To apply the thought of social science language in their day to day life.

Course Contents:

Unit- I Language and Disciplines

Meaning of discipline
Characteristics of a discipline
Inter- disciplinary approach

Unit- II Language and Disciplines

History of language development (Hindi, Sanskrit and English)
Language technology
Language lab
Phonetics science

Introduction of Kalidas, Tulsidas and Shakespeare

Unit- III Social Science and Discipline

History and game cricket
History of woman empowerment
New trends cultural in society
Political socialization
Article of democratic problems (Terrorism, corruption & kola-Brokers)

Unit- IV Science and Disciplines

Life sketch of scientists (Dalton, Rutherford, Newton, Mendal and Homi Jahangir Bhabha)
Science and sound
Nutrition and balanced diet
Human diseases
Electricity and light

Assignment & Practical Works: (Any Two)

Write Any one Assignment Work

- Write a short note on Importance of Language in teacher.
- Read and review an article.
- Prepare a report on creative writing.

Learning Outcomes:

After completion of this course students would able to

- Understand language of various discipline.
- Develop expression of various language areas.
- Acquire scientific study of language phonetics.
- Know the scientific idea of science education.
- Apply the thought of social science language in their day today life.
- Develop interdisciplinary approach of language (Hindi/Sanskrit/English).

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4. विज्ञान पाठ्यपुस्तक कक्षा 9 से 12 तक, माध्यमिक शिक्षा बोर्ड राजस्थान, अजमेर (2014)
5. संस्कृत पाठ्यपुस्तक कक्षा 9 से 12 तक, माध्यमिक शिक्षा बोर्ड राजस्थान, अजमेर (2014)
6. सामाजिक अध्ययन पाठ्यपुस्तक कक्षा 9 से 12 तक, माध्यमिक शिक्षा बोर्ड राजस्थान, अजमेर (2014)
7. हिन्दी पाठ्यपुस्तक कक्षा 9 से 12 तक, माध्यमिक शिक्षा बोर्ड राजस्थान, अजमेर (2014)

SEMESTER-II

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-204T	Hindi	Pedagogy of a school subject	4	30	70	100

OBJECTIVES:

- भाषा सरंचना में हिन्दी भाषा तत्वों का ज्ञान प्रदान करना।
- श्रवण, भाषण, वाचन एवं लेखन सम्बन्धी भाषायी कौशलों का ज्ञान देना।
- माध्यमिक स्तर के निर्धारित पाठ्यक्रम एवं पाठ्यपुस्तक का विश्लेषण समीक्षा एवं कुशलता का विकास करना।
- ईकाई, दैनिक व सूक्ष्म पाठ योजनाओं के महत्त्व से अवगत कराना व निर्माण का ज्ञान कराना।
- हिन्दी भाषा के वैज्ञानिक स्वरूपों और कौशलों का ज्ञान कराना।
- हिन्दी भाषा की विभिन्न विधाओं एवं उनके व्यावहारिक शिक्षण पाठ योजनाओं का ज्ञान कराना।
- प्रश्न पत्र के निर्माण का ज्ञान देना।
- निदानात्मक एवं उपचारात्मक परीक्षण स्वरूप, महत्त्व एवं उपयोग का ज्ञान देना।
- मातृभाषा एवं राष्ट्रभाषा के रूप में हिन्दी की स्थिति से अवगत कराना।

विषय वस्तु :

इकाई : प्रथम – भाषा के विविध स्वरूप एवं सामान्य अवबोध

- (अ) मातृभाषा, राष्ट्रभाषा के रूप में हिन्दी शिक्षण की स्थिति
- (ब) मातृभाषा शिक्षण के उद्देश्य एवं सिद्धान्त
- (स) हिन्दी शिक्षण में पुस्तकालय एवं वाचनालय का महत्त्व
- (द) पाठ्यपुस्तक का अर्थ, परिभाषा, अच्छी पाठ्यपुस्तक के गुण-दोष

इकाई : द्वितीय – भाषा का वैज्ञानिक स्वरूप तथा कौशलों के विकास हेतु निम्नांकित पक्षों के स्वरूप का शिक्षण

- (अ) वर्ण विचार, शब्द विचार, वाक्य विचार
- (ब) श्रवण, उच्चारण एवं वर्तनी
- (स) वाचन (सस्वर एवं मौन वाचन),
- (द) अभिव्यक्ति (लिखित एवं मौखिक)

इकाई – तृतीय – हिन्दी शिक्षण में विभिन्न विधाओं का शिक्षण एवं मूल्यांकन

- (अ) गद्य शिक्षण, पद्य शिक्षण, व्याकरण शिक्षण
- (ब) रचना शिक्षण (पत्र, निबन्ध, कहानी)
- (स) विभिन्न विद्याओं पर पाठ योजना निर्माण
- (द) इकाई योजना एवं नील पत्र निर्माण
- (य) मूल्यांकन (सम्प्रत्यय, पाठान्तर्गत एवं पाठोपरान्त मूल्यांकन)

इकाई – चतुर्थ – हिन्दी शिक्षण की विभिन्न विधियों का अध्ययन

- (अ) अभिक्रमित अनुदेशन विधि
- (ब) आगमन-निगमन विधि
- (स) दल शिक्षण
- (द) हरबर्टीय पद्धति
- (य) प्रायोजना विधि
- (र) पर्यवेक्षित तथा निर्देशित स्वाध्याय विधि

सत्रीय कार्य : (किसी दो विषय पर)

- भाषा शिक्षण सम्बन्धी समस्याओं का चयन तथा उसके समाधान का उपाय खोजना।
- हिन्दी शिक्षण में सत्रीय प्रपत्र अथवा प्रश्न पत्र हल करना।
- माध्यमिक स्तर की पाठ्यपुस्तक अथवा किन्हीं दो विशिष्ट लेखों की समीक्षा करना।
- किन्हीं पाँच विद्यार्थियों की लेखन सम्बन्धी अशुद्धियों का निदान एवं उपचार (कक्षा 8 से 10वीं)।
- हिन्दी विषय की किसी भी विद्या पर पी.पी.टी. पर पाठयोजना तैयार करवाना।

Learning Outcomes:

- ❖ भाषा संरचना में हिन्दी भाषा तत्त्वों का ज्ञान प्राप्त कर सकेंगे।
- ❖ श्रवण, भाषण, वाचन एवं लेखन सम्बन्धी भाषायी कौशलों को प्राप्त कर सकेंगे।
- ❖ माध्यमिक स्तर के निर्धारित पाठ्यक्रम एवं पाठ्यपुस्तक का विश्लेषण समीक्षा एवं कुशलता का विकास कर सकेंगे।
- ❖ इकाई, दैनिक व सूक्ष्म पाठ योजनाओं के महत्त्व से अवगत कराना व निर्माण का ज्ञान प्राप्त कर सकेंगे।
- ❖ हिन्दी भाषा के वैज्ञानिक स्वरूपों और कौशलों का ज्ञान प्राप्त कर सकेंगे।
- ❖ हिन्दी भाषा की विभिन्न विद्याओं एवं उनके व्यावहारिक शिक्षण पाठ योजनाओं का ज्ञान प्राप्त कर सकेंगे।
- ❖ प्रश्न पत्र के निर्माण का ज्ञान प्राप्त कर सकेंगे।
- ❖ निदानात्मक एवं उपचारात्मक परीक्षण स्वरूप, महत्त्व एवं उपयोग का ज्ञान प्राप्त कर सकेंगे।
- ❖ मातृभाषा एवं राष्ट्रभाषा के रूप में हिन्दी की स्थिति से अवगत हो सकेंगे।

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11. रमन, बिहारीलाल, (1990), हिन्दी शिक्षण, रस्तोगी एण्ड कम्पनी, मेरठ।
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17. सिंह, सावित्री (2001), हिन्दी शिक्षण, लायल बुक डिपो, मेरठ।

SEMESTER II

Course	Course Title	Course	Credit	CIA	Theory	Total
24BED-205T	English	Pedagogy of a school subject	4	30	70	100

OBJECTIVES:

- To know about various basics of grammer.
- To explain the place of English language in India.
- To describe English as a Second language in the multi -lingual country like India.
- To explain different methods of teaching English.
- To develop the lesson and its planning.
- To apply different teaching skills in the class room.

Course contents:

Unit- I Basic English Grammar & it's Application

Parts of speech
sentence pattern, Types

Tense and verb patterns
Preposition
Voice change

Unit - II Place, importance and objectives of English as a second language:-

Importance of English language: comprehension of English and mother tongue based learning.
Position of English: Pre & post Independence in India.
Status of English in Indian school curriculum Second language
First language
English language teaching: problems & issues
Library language
Window on the world
Medium of instruction
Aims and objectives teaching English at different levels.

Unit- III Methods, Approaches and Strategies and Lesson Planning:

Grammar-cum-Translation method
Direct method , Audio- lingual and Bilingual method
Structural approach and Communicative approach
Collaborative learning and Dramatization.
Unit plan and Micro plan, Lesson planning ,Blue print and Achievement test

Unit- IV Developing Language skill and Lesson Planning

Teaching Prose, Poetry, Story and Grammar.
Strategies of Teaching Skill: Listening, Reading, Speaking and Writing.
Supplementary skills: Reference Skill (e.g. using Dictionaries, Thesaurus, and Encyclopedias)
Concept Mapping

Assignment & Practical Works: (Any Two)

List of structural items included in the text book at the secondary stage.
Preparation of 5 word cards, 5 Picture cards and 5 puzzles.
Enlist 50 innovative words with lexical interpretation.
Prepare an audio/video recording for English Pronunciation

Learning Outcomes:

After completion of this course students would able to:

Know about various basic application of grammar
Explain the place of English language in India.
Describe English as a Second language in the multi -lingual country like India.
Explain different methods of teaching English.
Apply different teaching skills in the class room.
Lesson plan, micro lesson plan, TLM (Teaching Learning Materials) for teaching English as a second Language.

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16. Venkateshwaran, S. (1995), Principles of Teaching English. Dehli: Vikas Publishing House Pvt. Ltd.
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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED 206T	Sanskrit	Pedagogy of a school subject	4	30	70	100

OBJECTIVES:

- माध्यमिक स्तर के शिक्षकों में संस्कृत भाषा संबंधी व्याकरण की जानकारी एवं उनके प्रयोग की दक्षता का विकास करना।
- तृतीय भाषा शिक्षण के आधारभूत सिद्धान्तों का विकास करना।
- संस्कृत शिक्षण के उाँश्यों का निर्धारण एवं व्यावहारिक परिवर्तन हेतु प्रयास करना।
- संस्कृत भाषा के विभिन्न कौशलों का पृथक एवं समन्वित शिक्षण का विकास करना।
- विभिन्न विद्याओं के सफल अध्यापन हेतु विभिन्न विधियों का प्रयोग करना।
- संस्कृत भाषा शिक्षण में दृश्य-श्रव्य सामग्री का निर्माण एवं शिक्षण में प्रयोग करना।
- संस्कृत शिक्षण के मूल्यांकन हेतु प्रश्नपत्र निर्माण करना एवं कौशलाधारित परीक्षण करना।
- संस्कृत भाषायी दक्षता में होने वाली अशुद्धियों का कौशलानुसार निदान करना।

विषय वस्तु :

इकाई – प्रथम – संस्कृत शिक्षण के सिद्धान्त, कौशल व उाँश्य

- (अ) संस्कृत भाषा शिक्षण का महत्त्व एवं उपयोगिता
- (ब) संस्कृत शिक्षण के सिद्धान्त एवं सूत्र
- (स) संस्कृत शिक्षण के उद्देश्य एवं अपेक्षित व्यवहारगत परिवर्तन
- (द) भाषायी कौशल शिक्षण – श्रवण, कथन, पठन एवं लेखन
- (य) संस्कृत शिक्षण में दृश्य-श्रव्य सामग्री

इकाई – द्वितीय – व्याकरण का सामान्य ज्ञान

- (अ) शब्द रूप – अकारान्त, इकारान्त, उकारान्त
- (ब) धातु रूप – भू, पठ्, हस्, पा, गम्, सेव्, कथ्, लभ् (लट्, लोट्, लङ्, लृट्, विधिलिङ्, लकारों में)
- (स) सन्धि –
 - अच् सन्धि – इकोयणचि, एचोऽयवायावः, अकः सवर्णे दीर्घः, आदगुणः वृद्धिरेचि
 - हल् सन्धि – स्तोः श्चुर्नाश्चुः, झलां जशोऽन्ते, यरोऽनुनासिको वा, तोर्लिः
 - विसर्ग सन्धि – ससजुषोरुः, हशि च, रो रि, विसर्जनीयस्य सः

- (द) समास – अवयवीभाव समास, तत्पुरुष समास, कर्मधारय समास, द्विगु समास, द्वन्द्व समास, बहुब्रिहि समास, इनका सामान्य परिचय एवं समास विग्रह

इकाई – तृतीय – संस्कृत शिक्षण की विभिन्न विधाओं का अध्ययन एवं पाठयोजनाएँ

- (अ) गद्य शिक्षण
- (ब) पद्य शिक्षण
- (स) व्याकरण शिक्षण
- (द) रचना शिक्षण (पत्र, निबन्ध, कहानी)

इकाई – चतुर्थ – संस्कृत शिक्षण की विधियों का अध्ययन एवं मूल्यांकन

- (अ) संस्कृत शिक्षण की विधियों का अध्ययन
 - प्रत्यक्ष विधि
 - संग्रन्थन विधि
 - आगमन निगमन विधि
 - विश्लेषणात्मक विधि
 - अनुवाद विधि / भण्डारकर विधि

(ब) इकाई योजना

(स) ब्लू प्रिंट एवं प्रश्न पत्र निर्माण

सत्रीय कार्य : (किसी दो विषय पर)

- माध्यमिक स्तर की संस्कृत पाठ्यपुस्तक की समीक्षा करना।
- किसी एक वर्ष का प्रश्नपत्र हल करना।
- किसी एक विद्या पर शैक्षिक पाठ्यक्रम का आलेखन।
- रचना पाठ के लिए पाँच चित्रों का निर्माण।
- उच्चारण सुधार हेतु पाँच अभ्यास तालिकाओं का निर्माण।

- संग्रन्थन विधि पर पाठयोजना तैयार करना ।

Learning Outcomes:

- ❖ माध्यमिक स्तर के शिक्षकों में संस्कृत भाषा संबंधी व्याकरण की जानकारी एवं उनके प्रयोग की दक्षता का विकास कर सकेंगे ।
- ❖ तृतीय भाषा शिक्षण के आधारभूत सिद्धान्तों का विकास कर सकेंगे ।
- ❖ संस्कृत शिक्षण के उाैश्यों का निर्धारण एवं व्यावहारिक परिवर्तन हेतु प्रयास कर सकेंगे ।
- ❖ संस्कृत भाषा के विभिन्न कौशलों का पृथक एवं समन्वित शिक्षण का विकास कर सकेंगे ।
- ❖ विभिन्न विद्याओं के सफल अध्यापन हेतु विभिन्न विधियों का प्रयोग कर सकेंगे ।
- ❖ संस्कृत भाषा शिक्षण में श्रव्य-दृश्य सामग्री का निर्माण एवं शिक्षण में प्रयोग कर सकेंगे ।
- ❖ संस्कृत शिक्षण के मूल्यांकन हेतु प्रश्नपत्र निर्माण करना एवं कौशलाधारित परीक्षण कर सकेंगे ।
- ❖ संस्कृत भाषायी दक्षता में होने वाली अशुद्धियों का कौशलानुसार निदान कर सकेंगे ।

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SEMESTER II

Course	Course Title	Course	Credit	C.I.A.	Theory	Total
24BED-207T	Urdu	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES

- To enable the Pupil teacher to
- knowledge of mother tongue and to familiarize with the appropriate terminology.
- working knowledge of grammatical system in Urdu.
- write in an appropriate manner for a particular purpose with a particular audience in mind.
- teaching and principles of translation.
- observation and demonstration of teaching skills.
- writing habit and skill to explain various methods of writing and to expose their difference.
- awareness of formation of good sentences.
- awareness with the method of teaching language differently.

Course contents:

UNIT-I: ROLE AND IMPORTANCE OF URDU LANGUAGE

- Nature of Urdu Language
- language of knowledge
- Urdu as Urdu as a first, second and third language
- Urdu as Mother tongue and school language, Importance of Urdu language in curriculum.

UNIT-II: AIMS AND OBJECTIVES OF URDU LANGUAGE PEDAGOGY

- Aims and objectives of pedagogy of Urdu Language at different levels.
- difference between Urdu language as a school subject and language as a medium of instruction and communication,
- Methods of Urdu Language Teaching; Grammar cum translation method, Direct method, Natural method, Communicative approach
- General Principles and maxims of Urdu teaching

UNIT-III: LESSON PLANNING AND ITS TEACHING- LEARNING MATERIALS

- Lesson planning- : Basic elements, characteristics, approaches (Herbartian, R .C.E.M,BLOOMS,N.C.E.R.Tand significance. Year and Unit planning in Urdu teaching.
- Lesson plan of Prose, Poetry and Grammar in Urdu teaching.
- Micro teaching skill
- Audio-visual aids and their importance in Urdu teaching and co-curricular activities

UNIT-IV ASSESSMENT & EVALUATION

- Development of following linguistic skills: Listening and understanding, Speaking, Reading, Writing in Urdu language
- Evaluation of integrated lesson plan in Urdu language
- Purpose, Types, Characteristics, Techniques and Tools of Evaluation, (CCE, Grading system, CBCS)
- Construction of Achievement test in Urdu language

Diagnostic Evaluation, Remedial teaching in Urdu language.

Learning outcomes:

The Pupil teachers will be able to:

understand the need and importance of Urdu Language

develop proficiency in the Urdu Language

be Familiar with the psycholinguistics and sociolinguistics aspects of Urdu Language

use technology to enrich Urdu Language Teaching

be aware of the pedagogical practices required for teaching Urdu as Language

encourage continuous professional development in Urdu Language

develop an appreciation the role of Urdu Language in both academic and Social Life.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-208T	History	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To understand the aim and objectives of teaching history at different levels of the secondary stage. To apply different approach to organize history
- To understand the types of evaluation of teaching history
- To develop classroom skills to apply different methods and approaches of teaching history at the secondary stage.
- To develop the skill to plan for instruction and the instructional support materials.
- To develop the skill related to diagnostic testing and remedial teaching

Course Contents:

Unit- I Meaning, Nature and Curriculum of Teaching History

Concept and Objective of Teaching History of the Secondary Stage.

Correlation of History with other school subject.

Principle of Curriculum Teaching History.

Different Approach to Organizing History Curriculum, Chronological , Biographical, Topical , Concentric

Unit- II Methods and planning in Teaching History

Lesson plan and Unit plan

Story Telling, Biographical, Source, Time-line, Supervised, and Project Method

History Teacher-professional growth in change's

Teaching Aids- meaning, Type's and importance

Unit- III Evaluation of Teaching History

Concept of Evaluation

Purpose of Evaluation in Teaching History

Types of Evaluation (Essay Types, short Answer Types and Objective Types)

Blue-Print & Construction of Achievement Test in History

Unit- IV Innovative Methods in Teaching History

Programmed instruction method.

Team-Teaching

Panel discussion

Field trip

Assignment & Practical Works: (Any Two)

Historical study of a place of Local Important

An Essay on any current Issue

Critical Appraisal of any of the History Text books Prescribed for the Secondary level
Preparing a Scrap-book on Any one aspect of History and Culture
Report writing of a freedom fighter/Social work and the Historical Personality of 20th Century at your locality based on interview.
One Assignment Work on any topic related with above Unit.

Learning Outcomes:

After completion of this course students would able to:

- Understand the nature, scope and importance of learning history at secondary.
- Explain aim and objectives of teaching history at different levels of the secondary stage.
- Develop knowledge about the basic principles governing the construction of history curriculum and develop the ability history curriculum
- Organize Co-curricular activities and community resources for promoting history learning.
- Develop classroom skills needs for applying different methods and approaches of teaching history at the secondary stage.
- Understand the skill to plan for instruction and the instructional support , materials.
- Develop the skill needed for diagnostic testing and remedial teaching

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-209T	Civics	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To explain the role of civics to promote International Understanding.
- To understand Planning-Annual Plan, Unit Plan, & Daily Lesson Plan.
- To prepare different methods of teaching civics
- To apply various Fundamental Principal of Formulation Curriculum in Civics
- To develop competencies related to teaching of civics.

COURSE CONTENTS:

Unit- I Theoretical Perspective of Civics Teaching

Meaning & Development of Civics.

Nature, Scope & Developing Critical Thinking about Civics.

Role of Civics in Promoting International Understanding.

Aims & Objectives of Civics Teaching at Different Levels - Primary, Upper Primary, Secondary & High Secondary.

Unit- II Planning of teaching & Evaluation

Planning-annual Plan, Unit Plan, & Daily Lesson Plan.

Audio Visual Aids.

Inovation

Evaluation (different types of test, setting, question paper, blue print, scoring key).

Unit- III Methods of teaching Civics

Lecture Method

Project Method

Problem Solving Method

Programme Learning

Team Teaching

Discussion Method,

Demonstration

Unit- IV Curriculum Planning & Activities

Selection & Organization Content at Various Levels

Fundamental Principal of Formulation Curriculum in Civics

Charactristics of a good Text Book

Planning a Civics Studies Room

Assignment & Practical Works: (Any Two)

Write an essay on any political problem

One Assignment Worksolve.

A critical study of Any one aspect of the constitution or one of its amendments.

- Make five different teaching materials using different type of teaching aids.
- Make charts on fundamental rights & duties.
- Prepare a scrap book on any political issue

Learning Outcomes:

After completion of this course students would able to:

Understand the role of civics.

Understand the Planning of teaching & Evaluation.

Prepare Fundamental Principal of Formulation Curriculum.

Develop competencies in teaching of civics.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-209T	Social Studies	Pedagogy of a school subject	4	30	70	100

OBJECTIVES:

- To enable the students to understand the meaning of social science and correlate with modern social science .
- To understand the different approaches and organizing Social Science To prepare students for panel discussion , seminar and workshop
- To enable the student – teacher to critically examine the social science syllabus and text books. To develop the classroom skills and use of techniques for teaching of social science.
- To develop the ability to organize co-curricular activities and utilize community resources for promoting social science learning.

Course Contents:

Unit -I An Overview of Social Science

Social Science: concept, nature and scope

Relationship of Social Science with other School Subjects (History, Sociology, Political Science Economics, Mathematics, Science and Technology)

Need and Importance of Teaching Social Science

Objectives of Teaching Social Science at School Level: Elementary Level, Secondary Level

Unit -II Social Science Curriculum Principles of Designing a Good Curriculum and Planning in Social Science Teaching

Different Approaches to Organizing Social Science

Chronological

Biographical

Concentric

Characteristics of Good Text Book

Planning a Social science Room

Social Studies Teacher – Quality, Functions and Professional Growth of Social Science Teacher

Planning for Teacher of Social science

Annual plan

Unit plan

Lesson plan

Unit - III Methods of Teaching Social Science

Storytelling, Biographical, Socialized Recitation, Source method, Problem solving Method, Project method.

Team Teaching

Panel Discussion, Seminar and Workshop

Field Trips

Programmed Instruction

Unit - IV Use of Instruction Material and Evaluation in the Social Science

Audio- Visual Equipment :- Use of Slide Projector OHP, Epidiascope, Television and Computer.

Teaching Aids of Various kinds, their Effective Use in Class Room (Models, Black-board, Map, Graphs, Time Chart , Films, Coins and Puppet .

Concept, Importance and Purpose of Evaluation in Social Studies. Construction of Blue

Print and Achievement Test in Social Science

Assignment & Practical Works: (Any Two)

Studying historical monuments available locally and writing report on it Prepare a scrape book on any social issue

Studying any social problem and write a report of the same

Two abstracts of articles published in news papers journal on current social issues Assignment Work any two topic

Prepare a lesson plan using local/ community resources as teaching aids (fair, festival ,person, place etc.)

Construction , administration and interpretation an achievement test of any ;standard of school

Make 2 different teaching materials using different type of teaching (e.i. Charts, at as model & power point etc) at school social science subject

Write film script

Learning Outcomes:

After completion of this course students would able to:

Understand the need for learning social science .

Understand the place of social science in the secondary school curriculum.

Develop the skills in student – teachers to select and apply appropriate methods and evaluate social science.

Critically examine the social science syllabus and text books. Develop the classroom skills needed for teaching of social science.

Develop the ability to organize co-curriculum activity and utilize community resourcesfor promoting social science learning.

Acquire the ability to develop instructional support materials. Review the text –book of social science (secondary level).

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED 211T	Economics	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To help the students to acquire the basic understanding in the field of Economics.
- To enable the student teachers to understand the aims and objectives of teaching Economics at the secondary school stage.
- To develop the ability, to evaluate the present curriculum in Economics at the secondary level. To develop the ability to organize group activities and projects in the subject.
- To develop the ability to use of various methods of teaching Economics.

- To enable the student to acquire necessary skills for the use and preparation of teaching aids and instructional material in Economics.
- To develop in the students appropriate attitudes towards the country's Economy.
- To develop in the student an adequate sense of awareness about Economic issues of the country and an out-look of problem solving through analysis and application of the theory of Economics.
- To develop competence in framing objective based achievement and diagnostic test, their administration and their scoring and drawing conclusions there of. 10. To develop in the students an ability to conduct various surveys in Economics and organize field trips.
- To enable the student-teachers to prepare unit plan, lesson plan and related teaching learning strategies.
- To enable the student teachers to review the text book of Economics.

COURSE CONTENTS:

UNIT-I Concept of Economics

The Place of Economics in School Curriculum.

Aims and Objectives of Teaching Economics at the Secondary Level

Instructional Objectives, Behavioural Objectives, Measurable and Non-measurable Objectives, Behavioural Statements of Objectives for Various Learning Points and Lessons.

UNIT-II Principle of Curriculum Planning

Principles and Approaches to Framing Syllabus and its Critical Appraisal at Secondary Level.

Curriculum Planning and Activities.

Evaluation of Text-books in Economics at the School Level:

Criteria of Good Text-book

Assignments, Exercises, Glossary and Summary in the Text

Maxims and Principles of Class-room Teaching.

Class-room Observation.

UNIT-III Planning and Methods of Teaching Economics

Lecture Method.

Project and Problem Solving Method.

Discussion Method.

Inductive and Deductive Method.

Unit and Daily Lesson Plannings

Teacher's Role and Attitude

UNIT-IV Instruction Material and Evaluation in Economics

Black-board, Maps, Graphs, Slides & Transparency, Audio-visual Aids, Slide Projector, Overhead Projector, LCD etc.

Importance and Concept of Evaluations,

Evaluation Devices- Essay type, Short answer Type and Objectives Type Test.

Blu Print

Preparation, Administration and Scoring of Unit Test.

Assignment & Practical Works: (Any Two)

Preparation of two teaching aids related to subject. (PPT Transparency)

Review of two published papers related to subject. Review of a text-book at school level.

Learning Outcomes:

After completion of this course students would able to: Explain the basic of Economics.

- Understand the aims and objectives of teaching Economics at the secondary school stage.
- Develop the ability, to evaluate the present curriculum in Economics at the secondary level.
- Organize group activities and projects in the subject.
- Use of various methods of teaching Economics.
- Acquire necessary skills for the use and preparation of teaching aids and instructional material in Economics.
- Appropriate attitudes towards the country's Economy.
- Adequate sense of awareness about Economic issues of the country and an out-look of problem solving through analysis and application of the theory of Economics.
- Framing objective based achievement and diagnostic test, their administration and their scoring and drawing conclusions there of.
- Prepare unit plan, lesson plan and related teaching learning strategies.
- Review the text book of Economics.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-212T	Geography	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To understand the modern concept of Geography.
- To prepare yearly plan, unit plan, lesson plan for different classes.
- To prepare maps and charts to illustrate the content of different classes and use them effectively.
- To critically evaluate the existing school syllabus and review the text book of Geography.
- To apply appropriate method and techniques of teaching to particular topics at different levels.
- To arrange field trips and local surveys.

Course Contents:

Unit- I Concept and Objectives

Development of Geography, Modern concept and new trends of Geography. Its place in schools curriculum.

Its importance in day to day life and International understanding

Correlation of Geography with other school subjects.

Teaching objectives of Geography at different levels- Primary, Upper Primary secondary and Higher Secondary.

UNIT- II Curriculum planning in Geography

Principles of curriculum construction in Geography and its critical appraisal

Basic Principles for selection and organization of content according to learners level.

Co-curricular activities in Geography, study of home region, Organization of field trips and excursion, Geography museum and library.

Evaluation of text book in Geography.

UNIT- III Methods, Planning for teaching and role of teacher

Annual plan, Unit plan methods, Daily lesson plan

Story telling, Regional Method, Demonstration method, laboratory, inductive and Deductive method. Descriptive and Comparative method (Problem Solving, project and Supervised study method).

Approaches- Field trips, visit labs, use of local resources in teaching of Geography.

Qualities, Role and professional growth of Geography teacher

UNIT-IV Use of Instructional Material and Evaluation in Geography

Audio-Visual Equipment:- use of Slide Projector, OHP, Epidiascope, Television and computer in Geography

Teaching aids of Various kinds. Their effective use in class room (Models maps, pictures, sketches,

diagrams, film, film strips. Atlas, Slides transparencies etc., Geography room/laboratory. Importance of lab work, equipment and apparatus. Evaluation of achievements in Geography. Construction of achievement test.

Different types of tests, their merits and limitations, (Essay type, short, answer and objective type.) Blue- Print, preparation of question paper and item analysis.

Assignment & Practical Works: (Any Two)

Prepare a scrap book on Geographical articles and news. Preparation of maps, charts and models for physical Geography Develop some lesson plan based on new methods and approaches.

Write one or two article or abstract related to the current issues of Geography Critical appraisal of geography syllabus at secondary level.

Construction of objective type test items.

Collection of news paper cuttings related to Geographical issues.

Prepare a bibliography of reference books on the topics prescribed in Geography syllabus.

Practical demonstration of the ability to use some weather instruments.

Prepare a report on visit to some place of Geographical interest.

Learning Outcomes:

After completion of this course students would able to:

Understand the modern concept of Geography and its correlation with other school subjects. Explain co-curriculum activities in geography.

Prepare various teaching plans. Explain different teaching aids.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED 213T	Home Science	Pedagogy of a school subject	4	30	70	100

OBJECTIVES:

- To understand the Concept, Nature and Scope of Home science.
- To provide knowledge related to pedagogical concept like aims, objectives, approaches, methods, blue print and assessment.
- To stimulate curiosity and creativity for application of different methods according to learning situations.
- To develop attitude towards skill development, application of new trends and use of information technology to enhance productivity of teaching.

Course Contents:

Unit- I Theoretical Perspective of Home Science

Concept, Nature and Scope of Home science
Correlation of Home science with other school subjects in context of resolving problems related to family and community
Vocational skill Development through Home science teaching
Aims and objectives of Home science teaching

Unit- II Planning, Curriculum & Evaluation

Planning : Concept, Types and Significance
Criteria of Curriculum Development : Individualized, Interdisciplinary and Special issue oriented
E- resources in Home science : Fashion blog, Nutritional remedies, Blogs, Specific institute related to textile, designing & health
Co- curricular activities : Group Discussion, Exhibition, Excursion etc
Blue print construction, Continuous & Comprehensive Evaluation in Home science

Unit- III Approaches and methods : Concept, Process, Scope and limitations :

Constructivist approach Problem solving method Project method Experimental method
Dalton method and Dramatization

Unit- IV Measurement and Evaluation

Concept of Measurement and Evaluation Criteria of good Evaluation
Preparation of Blue Print
Diagnostic test and Remedial learning material Continuous and Comprehensive Evaluation
Assignment & Practical Works: (Any Two) Prepare a survey report for vocational skill development through Home science at college level Experimental works in food/clothing/textiles/household gadgets in context of teaching and learning Visit to Health centre/ Community service centre/ schools/ colleges/ NGO and prepare a file with report
Construct a project related to recent problem in local area

Develop a diagnostic test for students and plan remedial works for them
Prepare two lesson plan based on Constructivist/ experimental approach for students

Learning Outcomes:

After completion of this course students would able to:

- Organize co- curricular activities like Group Discussion, Exhibition, Excursion etc. at school level.
- Stimulate curiosity and creativity for application of different methods according to learning situations.
- Develop attitude towards skill development, application of new trends and use of information technology
- to enhance productivity of teaching.
- Analyze school syllabus of the subject in relation to its applicability in local situations

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-214T	Chemistry	Pedagogy of a school subject CE	4	30	70	100

Objectives:

- To develop a broad understanding of the principles and procedures used in modern science specially in chemistry.
- To develop essential skill for practising modern science education.
- To understand aims and objectives of chemistry.
- To gain ability for critically evaluate the existing syllabus of science.
- To prepare achievement test and diagnostic test.
- To enable him to organize co-curricular activities related to science.

- To appreciate the contribution of world scientist in connection with historical development of chemistry.

Course Contents:

UNIT-I Nature and Scope

Nature of Science and Chemistry, Importance of Chemistry in Daily Life, Correlation of Chemistry with Other Subjects
Values of Teaching Chemistry
Scientific Attitude, Scientific Literacy
Eminent World Scientist in the Area of Chemistry Like Dalton, Einstein, Neil Borh, Rutherford, Marry Quarry.
Globalisation and Chemistry

UNIT-II Curriculum planning and activities

Place of Chemistry in School Curriculum, Principles of Developing Chemistry Curriculum
Modern Trends in Chemistry Curriculum, Reading Material - Text Book, Journal, Handbook, Science Library
Critical Appraisal of Syllabus of Science with Reference to Chemistry Prescribed by State Board of Secondary Education

UNIT-III Methods and approaches of teaching

Lecture cum Demonstration Method (Inductive and deductive method), Project Method, Scientific Method, Heuristic Method
Panel Discussion. Seminars and Workshop Laboratory Method.
Teaching aid-Bulletin Board, Flannel Board, Filmstrips, Transparency, OHP, Direct Projector LCD Panel, Non-formal Approaches- field trips
Laboratory- Lay out Plans, Equipments, Furniture, Maintenance of Records, Repair, Care and Improvisation of Apparatus, Safetymeasures in Laboratory

UNIT-IV

Planning for Teaching and Role of Teachers. Annual Plan, Content analysis, Pedogogical Analysis
Inquiry Model of Teaching Lesson Plan and Level Plan Piagian and Brunerian Approach-
Behaviourist Contribution
Evaluation - Criteria of good Evaluation Concept of Evaluation, Types of Test Items : Objective, Short Answer, Essay Type, their Merits and Demerits, Blue Print for a Unit Test Achievement and Diagnostic Test

Assignment & Practical Works: (Any Two)

- Make a list of practicals related to secondary science curriculum
- Essay related to any topic of the paper
- Make a list of local resources useful in teaching chemistry to the students of vv Secondary class
- Make a visit any senior secondary science laboratory of a school and prepare a report.
- Make a presentation based on any above topic.

Learning Outcomes:

After completion of this course students would able to:

- Understanding Importance of Chemistry and correlate it with other subjects
- Acquaint with the Modern Trends in Chemistry.
- Gain ability for critically evaluate the existing syllabus of science.
- Prepare achievement test and diagnostic test.
- Organize co-curricular activities related to science.

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2. Gupta Nirmal (1967), Method of Teaching Science, Rastogi and Company Meerut.
3. Joshi S. R. (2005), Teaching of Science, APH Publishing Corporation, New Delhi.
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Semester II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-215 T	Physics	Pedagogy of a school subject CE	4	30	70	100

Objectives:

- To appreciate the contribution of eminent physicist in connection with the development of the subject.
- To familiar with the aims and objective of the subject in relation to the present need of the society and educational policies of India.
- To plan curriculum at the secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situation.
- To develop scientific attitude and provide training in scientific method to their student.
- To write objectives in behavioural term content analysis and content mapping .
- To develop yearly plan, unit plan and lesson plan.
- To plan, equip and organize physics practical in the laboratory.
- To use various methods with appropriateness of content, level and classroom situation.
- To prepare test paper for theory and practical work.

Course Contents:

Unit- I Nature Scope & Curriculum

Nature of science and physics, major milestones in the development of physics
Aims, objectives and values of teaching physics at secondary and senior secondary level
Concept of curriculum place of physics in secondary/sr. secondary level curriculum, selection and organization of content and experience
Correlation of physics with other school subjects and its role in daily life
Critical appraisal of the prescribed syllabus of physics (at senior secondary, secondary level of Rajasthan and CBSE board)

Unit- II Planning for Instruction and Role of Teachers

Writing of objectives in behavioural terms, content analysis.
Developing yearly, unit and daily lesson plan.
Teachers role in training students in scientific method and in development of scientific attitude.
Qualities, responsibilities and professional growth of physics teacher.
Creativity among students.

Unit- III Methods and Approaches of Teaching Physics

Demonstration method, Heuristic method, Inductive-Deductive method.
Laboratory method, Project method, problem solving method, assignment method.
Multi sensory aids in teaching of physics like chart, model modern electronic resources like; LCD projector, OHP and ICT
Co-curricular activities like science club, science fairs and field trip.
Role of state and national level institutes and laboratories(DST, ISRO, solar observatories etc.) in promoting science education.

Unit- IV Evaluation

Types of test items.
Construction of various test items.
Preparation of blue print and achievement test.
Diagnosis and remedial teaching in physics, enrichment material.
Evaluation and practical work in physics.

Assignment & Practical Works: (Any Two)

Planning of an out of class activity to use local environment to teach physics.
Life sketch of any two modern physicists.
Essay related to a topic prescribed in the paper .
Case study of Any one senior secondary lab of physics.
Conducting and reporting three experiments useful at secondary level.
Description of design of any improvised apparatus.

Learning Outcomes:

After completion of this course students would able to:

Appreciate the contribution of eminent physicist in connection with the development of the subject.

Understand with the aims and objective of the subject in relation to the present need of the society and educational policies of India.

Plan curriculum at the secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situation.

Develop scientific attitude and provide training in scientific method to their student.

Write objectives in behavioural term content analysis and content mapping .

Develop yearly plan, unit plan and lesson plan.

Plan, equip and organize physics practical in the laboratory.

Use various methods with appropriateness of content, level and classroom situation.

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1. Joshi S. R. (2005) Teaching of Science, APH Publishing Corporation, New Delhi.
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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-216T	Mathematics	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To understand and appreciate the uses and significance of Mathematics in daily life
- To learn various approaches of teaching mathamethics and use them judiciously
- To know the methods of planning instruction for the classroom.
- To prepare curricular activities and organize the mathematics Laboratory.
- To appreciate and organize activities to develop aesthetics of mathematics.
- To give competence in teaching different mathematics topic effectively

Course Contents:

Unit- I Concept meaning and objectives of mathematics.

Concept, meaning and nature of mathematics

History of mathematics

Contribution of Indians and western mathematics.

Aims and objectives of teaching mathematics

Blooms taxonomy relating to the teaching objectives in mathematics (cognitive Affective, psychomotor domain)

Unit- II Methods and approaches of teaching mathematics.

Inductive vs. Deductive

Analytical vs. synthesis

Heuristic, Project, drill, assignment and supervised study, Laboratory method.

Lesson planning, Unit plan and Yearly plan for mathematics teaching.

Audio visual teaching aids in mathematics (Chart, Model, OHP, LCD, ICT), Improvising Low cost teaching aids in mathematics.

Unit- III Planning for instruction and curriculum.

Curriculum development principle for the secondary and senior secondary level.

Teaching of Arithmetic, algebra and Geometry

Text book in mathematics, Quality of good book in mathematics.

Critically evaluation of existing mathematics syllabus prescribed by Rajasthan Board of Secondary Education and C.B.S.E. at different levels.

Using mathematics as a game for recreation, organizing Quiz programmes, magic square, answering puzzle and reasoning.

Unit- IV Evaluation in teaching mathematics:

Academic testing – objective vs. subjective type test.

Diagnostic evaluation in mathematics.

Preparation of blue print and achievement test.

Preparations of standardized vs. teacher made test in mathematics.

Process of obtaining feedback and evaluation in mathematics in term of teaching objectives.

Assignment & Practical Works: (Any Two)

Preparation of detailed plan about development of mathematics laboratory or mathematics club.

Life sketch of any two Mathematicians.

Essay related to a topic prescribed in above paper.

Prepare a case study of slow learner in mathematics or gifted child in mathematics.

Observation of mathematics classroom teaching in any secondary school and then prepare a diagnostic and remedial teaching plan.

Learning Outcomes:

After completion of this course students would able to:

Understand and appreciate the uses and Significance of Mathematics in daily life

Use various approaches of teaching mathamethics and use them judiciously.

Understand the methods of planning instruction for the classroom.

Prepare curricular activities and organize the mathematics Laboratory.

Appreciate and organize activities to develop aesthetics of mathematics.

Give competence in teaching different mathematics topic effectively

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1. Kumar S., Ratnalikar D. N. (2003), Teaching of mathematics, Anmol Publications Pvt. Ltd. New Delhi.
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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-217T	General Science	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To develop the knowledge about science and its nature.
- To acquire the knowledge about contribution of eminent Indian scientists.
- To aware about the aims, objectives and construction of curriculum.
- To develop understanding about co-curricular activities, methods of teaching and preparation of test paper.

COURSE CONTENTS:

UNIT- I Concept and Nature of General Science

Science : concept, nature and scope
Correlation of science with other subjects
General Science and its importance in school curriculum.
Inquiring influence of science on man and environment.
Scientist and their professional achievement

UNIT- II Aims Objectives and Curriculum

Writing aims and objectives in behavioural term.
Developing yearly, unit and daily lesson plan.
Principle of curriculum construction in General Science.
Teachers role in training students in scientific method and scientific attitude.
Professional growth of General Science teacher.

UNIT-III Methods of Teaching General Science

Lecture method, Demonstration method
Inductive-deductive method
Project method, problem solving method

Laboratory method, Assignment method
Heuristic method

UNIT- IV Activities and Evaluation

Science laboratory

Teaching aids in General science- OHP, LCD Projector , Television.

Co curricular activities, Science club, Science fair

Evaluation : concept and importance

Preparation of blue print and test paper construction.

Assignment & Practical Works: (Any Two)

Make a list of practicals related to secondary science curriculum.

Essay related to one topic prescribe in the paper.

Preparation of a comprehensive field trip to plan for a group of twenty students.

Make a list of local resources useful in teaching general science to the students.

Make a visit at any senior secondary science laboratory of a school and prepare a report.

Conducting and reporting three experiments useful at secondary level.

Make a presentation based on any above topic.

Learning Outcomes:

After completion of this course students would able to:

Contribution of eminent Indian scientists in connection with the development of the subject.

Familiar with the aims and objectives of the subject in relation to present needs of the society and education policies in India.

Plan curriculum at secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situations.

Identify proper methodology to deal with the content which is to be handled by him as teacher in secondary and higher level.

Develop a broad understanding of the principles and procedures used in modern science education.

Prepare test paper for evaluation.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-218T	Biology	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To acquire the knowledge of nature and scopes of Biology.
- To develop understanding the principles of curriculum, planning and E-resources in Biology.
- To develop awareness about various approaches and innovative methods of Biological science for effective teaching learning process.
- To develop knowledge of multisensory teaching aids to enhance students engagement and activity based learning.
- To aware about construction of blue print, diagnostic test and remedial self learning material and conduct CCE procedure.

Course Contents:

Unit- I Theoretical Perspective of Biology

Meaning , Nature and Scope of Biological science and its branches
 Historical Development of Biological science
 Development of values through Biology teaching
 Science as a domain of enquiry, dynamic body of knowledge and as a process of constructing knowledge
 Developing and significance of Scientific Temper through activities
 Aims and Objectives of Biological teaching
 Writing Objectives in Behavioral terms and Content analysis

Unit- II Curriculum and Planning

Concept and principles of curriculum
 Models and approaches related to curriculum organization
 Recent curriculum innovations in context of National Curriculum Framework (NCF)
 Planning : Concept, Types and Importance
 Co- Curricular activities- Excursion, Science fair, Science club
 E-resources in Biology : Biology blog, E-learning, Useful links and websites etc.

Unit- III Methods and Approaches

Herbertian & Constructivist approach (Five 'E' model)
 Co- operative learning approach
 Inquiry training model & its application
 Problem solving approach

Inductive and Deductive methods

Multisensory Teaching aids- Low cost models, L.C.D. Projector, Poster making, Concept map etc.

Unit- IV Measurement and Evaluation

Concept of Measurement and Evaluation

Criteria of good Evaluation

Preparation of Blue Print

Diagnostic test and Remedial learning material

Continuous and Comprehensive Evaluation in biology

Assignment & Practical Works: (Any Two)

- Construct, administer and interpret an achievement/diagnostic test and resolving related problems through remedial measure too
- Prepare the Concept map related to school level teaching and demonstrate them to learn different contents in classroom
- Prepare the report on environmental problems in local area and resolving issues through scientific project.
- Poster Presentation/ Drama on various issues related to community awareness about biodiversity/ environmental problems/ waste management.
- Organization of exploratory activities to develop scientific attitude and temper

Learning Outcomes:

After completion of this course students would able to:

- Acquire the knowledge of nature and scopes of Biology.
- Understand the principles of curriculum, planning and E-resources in Biology.
- Know and apply the various approaches and innovative methods of Biological science for effective teaching learning process.
- Apply knowledge of multisensory teaching aids to enhance students engagement and activity based learning.
- Construct blue print, diagnostic test and remedial self learning material and conduct CCE procedure.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-219T	Commercial Practice	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To acquire the basic understanding in the field of commerce education.
- To develop the ability to plan curriculum and instructions in commerce at school level.
- To develop the ability to critically evaluate existing school syllabus and text book.
- To impart knowledge about the methods and devices of teaching commerce and to develop the skill of using the same.
- To develop the ability of preparing an achievement test.
- To develop commercial efficiency among students.

COURSE CONTENTS:

Unit - I Concept of teaching commerce

Meaning, nature and scope of commerce education.
Aims, objectives and values of teaching commerce at senior secondary level.
The place of commerce in education.
Qualities of commerce teacher , role and professional growth.

Unit - II Planning of Teaching Commerce

Unit plan and daily lesson plan.
Maxims of teaching.
Devices of teaching commerce.
Classroom observation

Unit -III Methodology of Teaching Commerce

Modern Methods of Teaching Commerce :
Analytic & Synthetic method
Socialised Recitation Method
Team teaching
Programmed instruction method
Project Method

Unit - IV Instructions Material and Evaluation in Commerce Education

Importance of teaching aids for effective instruction commerce education.
 Different audio-visual equipment and material used commerce education.
 Evaluation in commerce importance, type of tests essay, short answer and objective type.
 Blue print.
 Construction of Achievement Test.

Assignment & Practical Works: (Any Two)

- Content Related subject topic
- Preparation any two teaching aids (Model, P.P.T.,

Learning Outcomes:

After completion of this course students would able to:

- Acquire the basic understanding in the field of commerce education.
- Develop the ability to plan curriculum and instructions in commerce at school level.
- Develop the ability to critically evaluate existing school syllabus and text book.
- Apply impart knowledge about the methods and devices of teaching commerce and to develop the skill of using the same.
- Prepare an achievement test.
- Usw commercial efficiency among students.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-220T	Book-keeping	Pedagogy of a school subject CE	4	30	70	100

Objectives:

- To acquire the basic understanding of teaching of Book-keeping and Accountancy.
- To develop the ability to plan curriculum and instruction in Book-keeping and Accountancy.
- To develop the ability to critically evaluate the existing school curriculum of Book-Keeping.
- To impart knowledge of the methods and devices of teaching Book-keeping and to develop the skill of using the same.
- To give information about appropriate methods and devices of teaching particular topics for book-keeping.
- To develop necessary skill in preparation of using various teaching aids.
- Course Contents

Unit- I Meaning and scope of Book-keeping and Accountancy

Meaning and scope of book-Keeping and Accountancy. it's value and Importance in Social Life.

Aims and objectives of teaching Book-keeping and accountancy at senior secondary level.
Teachers Role and Attitude.

Unit - II Planning of Teaching Book-keeping and Accountancy

Unit plan
Lesson plan
Annual plan
Maxims and principle of classroom teaching
Classroom observation

Unit- III Teaching Approches and methods of Teaching Book-keeping and Accountancy

Teaching Approches of Book-keeping and Accountancy
Journal Approach, Ledger Approach
Cash book Approach, Equation approach
Text book-keeping and accountancy their importance Criteria for selection of text book. Reference book and Journal.
Various methods of teaching book-keeping and accountancy – project, problems solving, Lecture-cum-demonstration method, team Teaching Program learning method.

Unit- IV Instruction Material and Evaluation in Book-keeping and Accountancy

Audio-visual aids in teaching Book-Keeping and accountancy computer. (tally) Internet
Evaluation of students performance
Blue Print
Construction of Achievement Test

Assignment & Practical Works: (Any Two)

Content related to subject topic

Any one subject topic

Learning Outcomes:

After completion of this course students would able to:

- Acquire the basic understand of teaching of Book-keeping and Accountancy.
- Develop the ability to plan curriculum and instruction in Book-keeping and Accountancy.
- Critically evaluate the existing school curriculum of Book-Keeping.
- Impart Knowledge of the methods and devices of teaching Book-keeping and to develop the skill of using the same.
- Apply appropriate methods and devices of teaching particular topics for Book – Keeping.
- Prepare achievement and diagnostic Tests.
- Develop necessary skill in preparation of using various teaching aids..

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED221T	Drawing and Painting /Fine Art	Pedagogy of Drawing and Painting CC	4	30	70	100

OBJECTIVES

- To enable the student teacher to-
- get acquainted with importance of Drawing and Painting and its place in curriculum.
- understand the concept of representing models and imagination of Drawing and Painting
- get acquainted of methods of teaching of Drawing and Painting
- correlate of Drawing and Painting Education with other school subject.
- get acquainted with practical skill in Drawing and Painting

Unit-I BASIC OF FINE ART

Concept, Importance and Scope of different forms of Drawing and Painting
 Nature, scope and aims of teaching Drawing and Painting
 Importance of Drawing and Painting and its place in the curriculum at School level.
 Significance of teaching Drawing and Painting at school level.

Unit-II AIMS AND OBJECTIVES OF TEACHING FINE ARTS

Aims and Objectives of teaching Drawing and Painting (Blooms & Revised Blooms Taxonomy)
 Curriculum Organization of fine Arts.
 Critical appraisal of the existing syllabus in fine Arts.
 Importance of Exhibitions & Competitions in encouraging creative Expressions among Students.

Unit-III LESSON PLANING AND TEACHING AIDS OF FINE ARTS

Lesson planning to teach Fine Arts : Micro, Macro, ICT Based, Diary Based, Test Based, Model based (Line, Color, Design, Still Life, Poster)
 Methods of teaching Fine Art and Its Approaches: Free Expression, Representation, Designing and clay modeling at various stages.
 Representing model and imagination in Teaching of Fine Art
 Audio –Visual aids and their use in teaching of Fine Arts and critical appraisal of present text books in Fine Arts.

Unit-IV PROFESSIONAL DEVELOPMENT OF ARTS TEACHER AND EVALUATION

Qualities and professional competencies of a Fine Arts teacher.

omposition and Appreciation of Fine Arts

Art Room, its need, equipment and decoration.

Evaluation: CCE, Grading system, CBCS, Construction of Achievement test, Remedial and diagnostic teaching.

Learning outcomes

The Pupil teachers will be able to-

develop basic understanding of different Fine art forms and their impact in our life.

enhance artistic and aesthetic sensibility of learners to enable them to respond to the beauty in different Fine Art forms.

develop skills for integrating different Fine Art forms across school curriculum at Secondary level.

create awareness of the rich cultural heritage, artists and artisans in the society

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-222T	Music	Pedagogy of Music CC	4	30	70	100

OBJECTIVES

- To enable the Pupil teacher to-
- understand the history, importance, and co-relation of Music with other school
- comprehend the knowledge of swarms and sruti and Bloom's taxonomy of instructional
- prepare pedagogical analysis of the content and develop a lesson plan for the classroom
- acquire competence in skills for the teaching of Music.
- develop teaching aids to teach Music.
- familiarize the qualities of Music and Music teacher.
- understand the different methods of teaching Music.
- acquiring competency in preparing tools of evaluation.

Unit I- INTRODUCTION

Nature and scope of Music, Vocal and Instrumental Music.

Aims and Objective of teaching Music at School level.

The importance of Music and its place in the curriculum at School levels.

Curriculum: Classical, Light, Film and Folk music and the claims of each for inclusion in the syllabus: songs for school children

Unit II- SUBJECT MATTER OF MUSIC:

General principles of teaching Rags, Melodic grace, devices and Tune.

Training in Rhythmic perception, Correlation of Music with other school subjects.

Audio-visual aids and their use in teaching Music.

Textbooks: criteria of a good textbook in Music, a critical appraisal of the present textbooks in Music.

Unit III- MUSIC IN SCHOOL CURRICULUM

Importance of Music in School Curriculum

Music Room: Its equipment's and organization.

Different type of tests: (Theory and Practical) construction, administration and test of performance.

Knowledge of subject matter contents up to Secondary level.

Unit IV- BIOGRAPHIES OF THE FOLLOWING EMINENT MUSICIANS

Swami Haridas, Tansen

Pt. Vishnu Digambar Paluskar

Pt. V. N. Bhatkhande

Qualities of a Good Artist.

Learning outcomes

The pupil teacher will be able to-

- identify, analyze and work conceptually with the elements and organizational patterns of music and their interaction, employing this understanding in aural, verbal, and visual analyses and applications.
- distinguish and analyze music according to historical, cultural, and stylistic contexts, and to address culture and history from diverse perspectives.
- apply relevant forms of music technology, including their basic functions and integrative nature.
- demonstrate a fundamental proficiency in keyboard skills.
- demonstrate and apply the research skills necessary for musical and contextual understanding of musical elements and relevance.
- demonstrate the conducting and technical skills necessary to effectively and artistically lead a collaborative rehearsal.

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15. Hamare Sangeetagya by Prakash Narayan

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Course code	Course Title	Course Category	Credit	C.I.A	Theory	Total
24BED-223P	Open AIR/SUPW CAMP	CC	2	50		50

SN	OPEN AIR/SUPW CAMP	Maximum Mark
1	OPEN AIR/SUPW CAMP	50 Marks
	1. Community Service	10 Marks
	2. Survey (based on Social and Educational Events)	10 Marks
	3. Co-Curricular Activities	10 Marks
	4. Health and Social awareness Program (DISASTER MANAGEMENT AND CLEANNESS)	10 Marks
	5. Studies (work Experience related with theory course and literacy activities)	10 Marks

Course code	Course Title	Course Category	Credit	C.I.A	Theory	Total
24BED-224I	School Internship (4Weeks)	CC	2	50		50

SN	Internship Work (4 Weeks)	Maximum Mark
1	Teaching of Method Subject	15 Marks
2	Participation in All Activities of School	10 Marks
3	Report of Any Feature of School/Case Study/Action Research	10 Marks
4	Social Participation in Group	05 Marks
5	Criticism Lesson	10 Marks
Total		50 Marks

GUIDELINES FOR THE INTERNSHIP WORK

1. Four Weeks Internship in Recognized upper Primary/Secondary/Higher Secondary School. Trainee have to perform following activities during internship and prepare detailed report
 - Internship Report must be verified and signed by the school Principal
 - Detailed Study of School Documents, like General Records, Progress Report, Academic Calendar etc.
 - Organized cultural activities
 - Interaction and observation of students
 - Submission of total Report of internship Program.
2. Action Research: Selection Problem, Data Collection ,Analysis, report Writing and Submission (Any One)

SEMESTER - III

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-301T	Gender, Creating an Inclusive School and Society	CC	4	30	70	100

OBJECTIVES:

- To enable the pupil teacher to:
- Understand the key concept of gender (male, female and transgender), gender bias, gender stereotypes, empowerment, gender parity, patriarchy, feminism.
- Explain the Social construction of gender with special reference to society.
- Know the policies, plans, schemes and different laws of government for promoting gender parity.
- Learn about gender issues in school, curriculum, pedagogical process and its intersection with class, caste, religion and region.

Unit-I Key concepts of Gender Issues

Concepts, terms and relate them with their context in understanding the power relation to gender, sex, sexuality, patriarchy, masculinity and feminism, gender bias, gender stereotyping and empowerment. Patriarchy, power, resources and opportunities.

Unit II Social Construction of Gender

Socialization in family and at school, Occupation and identity, Stereotypes about Females prevalent in the society, media and literature.

Gender and its intersection with poverty, class, caste, religion.

Unit III: Gender, Power and Education

Gender identities and socialization practices in : Family, School and other formal and informal organization. Schooling of girls: Inequalities and resistances (issues of access, retention and exclusion), Overview of girl education in India with special reference to U.P.

Unit-IV Gender Jurisprudence (Indian context)

Understanding the importance of addressing sexual harassment in family, neighborhood and other formal and informal institutions.

Prenatal Diagnostic Technique Act, 1994; Domestic Violence Act, 2005, Reservation for Women, Supreme Court Verdict about transgender.

Learning outcomes

- The pupil teacher will be able to-
- Discuss and debate on gender based right and responsibilities.
- Interpret human rights in relation to gender.
- Understand the nature and process of the socialization.
- Suggests and invent some policy interventions in the school education.
- Analyze and create a project on social issues based on gender.

Task and Assignments

Class Test – 15 Marks

Any Two Topics-15 Marks

Preparation of Project on key Concepts and its operational Definitions Relating it with the social context of teachers and students.

Analysis textual Material from the perspective of gender Bias and stereotype .

Organize Debates on Equality and Equity cutting across gender, class, caste, religion, ethnicity, disability and region

Prepare project on issues on concerns of Transender

Project on analyzing the growing up of boys and Girls in different types in india

REFERENCES :

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SEMESTER - III

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-302T	Assesment for Learning	CC	4	30	70	100

OBJECTIVES:

- To describe the role of assessment in education.
- To distinguish among measurement, assessment and evaluation.
- To explain different forms of assessment that aid student learning.
- To use wide range of assessment tools, techniques and construct these appropriately.
- To evolve realistic, comprehensive and dynamic assessment procedures.
- To calculate item difficulty and discrimination power of a test item.
- To prepare a good achievement test on any school subject.
- To realize the importance of continuous and comprehensive evaluation in the process of students learning.

Course Contents :

Unit I - Assessment and Evaluation in Education

Concept of measurement, assessment and evaluation
Types, Need, scope and relevance of evaluation
Principles of assessment and evaluation
Test, scale and measurement
Types of scale : nominal, ordinal, interval and ratio

Unit II -Tools and Techniques of Assessment and Evaluation

Characteristics of a good measuring instrument
Achievement test: steps of construction of achievement test – Teacher made and Standardized test
Types of test items and its construction : subjective test items and objectives test item

Diagnostic test construction and preparation of remedial materials
Analysis of test items – item difficulty level and item discrimination power

Unit III -Trends in Assessment

Continuous and Comprehensive Evaluation
Marking system vs Grading system
Semester system (C B C S) Choice Based Credit System
Open book examination and question bank

Unit IV - Basic Statistics in Evaluation

Measure of Central Tendency:

Mean

Median

Mode

Measure of variability

Range

Quartile Deviation

Average Deviation

Standard Deviation

Assignment & Practical Works: (Any Two)

Prepare an achievement test of any school subject of secondary school.
Write one Assignment Workwith in the content
Construct a remedial material for school students in any content problems.
Select, analyses and try- out a sample tool/test with item discrimination power.

Learning Outcomes:

After completion of this course students would able to:

Describe the role of assessment in education.
Distinguish measurement, assessment and evaluation.
Explain different forms of assessment that aid student learning.
Use wide range of assessment tools, techniques and construct these appropriately.
Evolve realistic, comprehensive and dynamic assessment procedures.
Calculate item difficulty and discrimination power of a test item.
Prepare a good achievement test on any school subject.
Realize the importance of continuous and comprehensive evaluation in the process of students learning.

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SEMESTER - III

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-303T	Creating an Inclusive School	CC	4	30	70	100

OBJECTIVES:

- To develop the understanding of the concept and philosophy of inclusive education in the context of education for all.
- To identify and address diverse needs of all learners
- To familiarize with the trends and issues in inclusive education
- To develop an attitude to foster inclusive education
- To develop and understanding of the role of facilitators in inclusive education
- To prepare teachers for inclusive schools

Course Contents:

Unit- I Introduction to Inclusive Education

Meaning, Objective , Need and Types of Inclusive Education
Principles of Inclusive Education
Solution and challenge of Inclusive Education
ICT Material of Inclusive Education

Unit- II Legislation, Emerging Issues and Role of Agencies in Inclusive Education

Legislation for inclusive education- National policy of disabilities 2006
Sarva Shiksha Abhiyan (2002)
NGO
RTE-2009

Unit- III Exceptional Child and Special Educational

Exteptional Child : Meaning and Types
Mentally Retared Child
Physically Handicapped Child
Hearing Impaired Child
Visually Handicapped Child

Emotionally Disturb Child

Unit- IV Special Educational Need (SEN) of learners in Inclusive School

Speech Defective Childern

Language Handicapped Child

Learning Disadvantage Child

Parents of Exceptional Childern

Guidance of Exceptional Childern

Special School (Building Co-curricular Activities)

Assignment & Practical Works: (Any Two)

One Assignment Work

Write a One Article of Disabilities Child

Case study of disabilities child

Write a report of evaluation process in inclusive school

Learning Outcomes:

After completion of this course students would able to:

Understand of the concept and philosophy of inclusive education in the context of education for all.

Identify and address diverse needs of all learners

Describe the trends and issues in inclusive education

Apply the attitude to foster inclusive education

Develop and understanding of the role of facilitators in inclusive education

Prepare teachers for inclusive schools

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SEMESTER - III

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-304T	Drama and Art in Education (EPC-II)	CC	2	50	--	50

OBJECTIVES:

- To develop skills of role playing and acting.
- To acquire the knowledge and develop skill of arts, painting and playing musical Instruments.
- Course Contents:

Unit- I Write a Drama Scrip

Prepare a Drama for any Social issues (Class VI to XI)
Role playing for different scene of Drama
To know different types of Drama

Unit- II Fine Arts, materials and its relevancy (Any two works)

Mehendi, Drawing
Rangoli/Model Preparation
Poster Painting

Learning Outcomes:

After completion of this course students would able to:
Develop skills of role playing and acting.
Acquire the knowledge and develop skill of arts, painting and playing musical Instruments.

Assignment & Practical Works: (Any Two)

Prepare any one Assignment Work related to above units.
Plan and organize any two activities related to above units.
Prepare Arts and crafts with un usual material
Prepare Fine Arts with paper □ Hand made Architecture
Soft toys(Teddy bear) Dance Art
Fine Arts/ Painting
Skill of Playing musical instrument Food Shef
Handicraft

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SEMESTER - III

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-305T	Critical Understanding of ICT (EPC-II)	CC	4	50	50	100

OBJECTIVES:

- To explain the concept of ICT in education.
- To develop skills in using MS Office applications for education.
- To use internet efficiently to access information and communicate with others.
- To understand the applications of E-learning in education.

COURSE CONTENTS:

Unit - I MS Office

- MS- word (Text management)
- Power Point (Preparation of Slide)
- Smart Class
- E - Learning

Unit - II Internet and Multimedia

- E-mail, Chat
- Searching, Downloading and Uploading
- Multimedia and its Education Uses.
- Mobile Banking

Assignment & Practical Works: (Any Two)

- Prepare one Assignment Work on any topic related to above units.
- Prepare power point presentation on Any one topics related to School content/ B.Ed. Syallbus.

Learning Outcomes:

After completion of this course students would able to:

- Explain the concept of ICT in education.
- Develop skills in using MS Office applications for education.
- Use internet efficiently to access information and communicate with others.
- Understand the applications of E-learning in education.

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SEMESTER - III

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-306P	Practical Work		2	50	--	50

SN	Practical Work	Maximum Mark
1	Micro Teaching	10 Marks
2	Demonstration Lesson	10 Marks
3	Book Review	10 Marks
4	Unit Plan	05 Marks
5	Blue Print	05 Marks
6	Digital Lesson Plan (Each Method)	10 Marks
Total		50 Marks

Guidelines for the Practical Work

➤ Micro Teaching (Five Skills)

1. Skill of Introduction
2. Skill of Questioning
3. Skill of Exemplifying
4. Stimulus-Variation Skill
5. Black-Board Writing Skill

➤ Book Review

(Except School text books) Selection, Deep Reading, Evaluation, Assessment and Report Writing for Submission (Any One)

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BED-401T	Hindi	Pedagogy of a school subject	4	30	70	100

OBJECTIVES:

- भाषा संरचना में हिन्दी भाषा तत्वों का ज्ञान प्रदान करना।
- श्रवण, भाषण, वाचन एवं लेखन सम्बन्धी भाषायी कौशलों का ज्ञान देना।

- मध्यमिक स्तर के निर्धारित पाठ्यक्रम एवं पाठ्यपुस्तक का विश्लेषण समीक्षा एवं कुशलता का विकास कराना।
- ईकाई, दैनिक व सूक्ष्म पाठ योजनाओं के महत्त्व से अवगत कराना व निर्माण का ज्ञान कराना।
- हिन्दी भाषा के वैज्ञानिक स्वरूपों और कौशलों का ज्ञान कराना।
- हिन्दी भाषा की विभिन्न विधाओं एवं उनके व्यावहारिक शिक्षण पाठ योजनाओं का ज्ञान कराना।
- प्रश्न पत्र के निर्माण का ज्ञान देना।
- निदानात्मक एवं उपचारात्मक परीक्षण स्वरूप, महत्त्व एवं उपयोग का ज्ञान देना।
- मातृभाषा एवं राष्ट्रभाषा के रूप में हिन्दी की स्थिति से अवगत कराना।

विषय वस्तु :

इकाई : प्रथम – भाषा के विविध स्वरूप एवं सामान्य अवबोध

- (अ) मातृभाषा, राष्ट्रभाषा के रूप में हिन्दी शिक्षण की स्थिति
- (ब) मातृभाषा शिक्षण के उद्देश्य एवं सिद्धान्त
- (स) हिन्दी शिक्षण में पुस्तकालय एवं वाचनालय का महत्त्व
- (द) पाठ्यपुस्तक का अर्थ, परिभाषा, अच्छी पाठ्यपुस्तक के गुण-दोष

इकाई : द्वितीय – भाषा का वैज्ञानिक स्वरूप तथा कौशलों के विकास हेतु निम्नांकित पक्षों के स्वरूप का शिक्षण

- (अ) वर्ण विचार, शब्द विचार, वाक्य विचार
- (ब) श्रवण, उच्चारण एवं वर्तनी
- (स) वाचन (सस्वर एवं मौन वाचन),
- (द) अभिव्यक्ति (लिखित एवं मौखिक)

इकाई – तृतीय – हिन्दी शिक्षण में विभिन्न विधाओं का शिक्षण एवं मूल्यांकन

- (अ) गद्य शिक्षण, पद्य शिक्षण, व्याकरण शिक्षण
- (ब) रचना शिक्षण (पत्र, निबन्ध, कहानी)
- (स) विभिन्न विधाओं पर पाठ योजना निर्माण
- (द) इकाई योजना एवं नील पत्र निर्माण
- (य) मूल्यांकन (सम्प्रत्यय, पाठान्तर्गत एवं पाठोपरान्त मूल्यांकन)

इकाई – चतुर्थ – हिन्दी शिक्षण की विभिन्न विधियों का अध्ययन

- (अ) अभिक्रमिit अनुदेशन विधि
- (ब) आगमन-निगमन विधि
- (स) दल शिक्षण
- (द) हरबर्टीय पद्धति
- (य) प्रायोजना विधि
- (र) पर्यवेक्षित तथा निर्देशित स्वाध्याय विधि

सत्रीय कार्य : (किसी दो विषय पर)

- भाषा शिक्षण सम्बन्धी समस्याओं का चयन तथा उसके समाधान का उपाय खोजना।
- हिन्दी शिक्षण में सत्रीय प्रपत्र अथवा प्रश्न पत्र हल करना।

- माध्यमिक स्तर की पाठ्यपुस्तक अथवा किन्हीं दो विशिष्ट लेखों की समीक्षा करना।
- किन्हीं पाँच विद्यार्थियों की लेखन सम्बन्धी अशुद्धियों का निदान एवं उपचार (कक्षा 8 से 10वीं)।
- हिन्दी विषय की किसी भी विद्या पर पी.पी.टी. पर पाठयोजना तैयार करवाना।

Learning Outcomes:

- ❖ भाषा संरचना में हिन्दी भाषा तत्त्वों का ज्ञान प्राप्त कर सकेंगे।
- ❖ श्रवण, भाषण, वाचन एवं लेखन सम्बन्धी भाषायी कौशलों को प्राप्त कर सकेंगे।
- ❖ माध्यमिक स्तर के निर्धारित पाठ्यक्रम एवं पाठ्यपुस्तक का विश्लेषण समीक्षा एवं कुशलता का विकास कर सकेंगे।
- ❖ इकाई, दैनिक व सूक्ष्म पाठ योजनाओं के महत्त्व से अवगत कराना व निर्माण का ज्ञान प्राप्त कर सकेंगे।
- ❖ हिन्दी भाषा के वैज्ञानिक स्वरूपों और कौशलों का ज्ञान प्राप्त कर सकेंगे।
- ❖ हिन्दी भाषा की विभिन्न विद्याओं एवं उनके व्यावहारिक शिक्षण पाठ योजनाओं का ज्ञान प्राप्त कर सकेंगे।
- ❖ प्रश्न पत्र के निर्माण का ज्ञान प्राप्त कर सकेंगे।
- ❖ निदानात्मक एवं उपचारात्मक परीक्षण स्वरूप, महत्त्व एवं उपयोग का ज्ञान प्राप्त कर सकेंगे।
- ❖ मातृभाषा एवं राष्ट्रभाषा के रूप में हिन्दी की स्थिति से अवगत हो सकेंगे।

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SEMESTER-IV

Course	Course Title	Course	Credit	CIA	Theory	Total
24BED-402T	English	Pedagogy of a school subject	4	30	70	100

OBJECTIVES:

- To know about various basics of grammar.
- To explain the place of English language in India.
- To describe English as a Second language in the multi -lingual country like India.
- To explain different methods of teaching English.
- To develop the lesson and its planning.
- To apply different teaching skills in the class room.

Course contents:

Unit- I Basic English Grammar & it's Application

Parts of speech
sentence pattern, Types
Tense and verb patterns
Preposition
Voice change

Unit - II Place, importance and objectives of English as a second language:-

Importance of English language: comprehension of English and mother tongue based learning. Position of English: Pre & post Independence in India.
Status of English in Indian school curriculum Second language
First language
English language teaching: problems & issues
Library language
Window on the world
Medium of instruction
Aims and objectives teaching English at different levels.

Unit- III Methods, Approaches and Strategies and Lesson Planning:

Grammar-cum-Translation method
Direct method , Audio- lingual and Bilingual method
Structural approach and Communicative approach
Collaborative learning and Dramatization.
Unit plan and Micro plan, Lesson planning , Blue print and Achievement test

Unit- IV Developing Language skill and Lesson Planning

Teaching Prose, Poetry, Story and Grammar.
Strategies of Teaching Skill: Listening, Reading, Speaking and Writing.
Supplementary skills: Reference Skill (e.g. using Dictionaries, Thesaurus, and Encyclopedias) Concept Mapping

Assignment & Practical Works: (Any Two)

List of structural items included in the text book at the secondary stage. Preparation of 5 word cards, 5 Picture cards and 5 puzzles.
Enlist 50 innovative words with lexical interpretation. Prepare an audio/video recording for English Pronunciation

Learning Outcomes:

After completion of this course students would able to:

- Know about various basic application of grammar
- Explain the place of English language in India.
- Describe English as a Second language in the multi -lingual country like India. Explain different methods of teaching English.
- Apply different teaching skills in the class room.
- Lesson plan, micro lesson plan, TLM (Teaching Learning Materials) for teaching English as a second Language.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-403T	Sanskrit	Pedagogy of a school subject	4	30	70	100

OBJECTIVES:

- माध्यमिक स्तर के शिक्षकों में संस्कृत भाषा संबंधी व्याकरण की जानकारी एवं उनके प्रयोग की दक्षता का विकास करना।
- तृतीय भाषा शिक्षण के आधारभूत सिद्धान्तों का विकास करना।

- संस्कृत शिक्षण के उाँश्यों का निर्धारण एवं व्यावहारिक परिवर्तन हेतु प्रयास करना।
- संस्कृत भाषा के विभिन्न कौशलों का पृथक एवं समन्वित शिक्षण का विकास करना।
- विभिन्न विद्याओं के सफल अध्यापन हेतु विभिन्न विधियों का प्रयोग करना।
- संस्कृत भाषा शिक्षण में दृश्य-श्रव्य सामग्री का निर्माण एवं शिक्षण में प्रयोग करना।
- संस्कृत शिक्षण के मूल्यांकन हेतु प्रश्नपत्र निर्माण करना एवं कौशलाधारित परीक्षण करना।
- संस्कृत भाषायी दक्षता में होने वाली अशुद्धियों का कौशलानुसार निदान करना।

विषय वस्तु :

इकाई – प्रथम – संस्कृत शिक्षण के सिद्धान्त, कौशल व उाँश्य

- (अ) संस्कृत भाषा शिक्षण का महत्त्व एवं उपयोगिता
- (ब) संस्कृत शिक्षण के सिद्धान्त एवं सूत्र
- (स) संस्कृत शिक्षण के उाँश्य एवं अपेक्षित व्यवहारगत परिवर्तन
- (द) भाषायी कौशल शिक्षण – श्रवण, कथन, पठन एवं लेखन
- (य) संस्कृत शिक्षण में दृश्य-श्रव्य सामग्री

इकाई – द्वितीय – व्याकरण का सामान्य ज्ञान

- (अ) शब्द रूप – अकारान्त, इकारान्त, उकारान्त
- (ब) धातु रूप – भू, पठ्, हस्, पा, गम्, सेव्, कथ्, लभ् (लट्, लोट्, लङ्, लृट्, विधिलिङ्, लकारों में)
- (स) सन्धि –
 - अच् सन्धि – इकोयणचि, एचो-यवायावः, अकः सवर्णे दीर्घः, आदगुणः वृद्धिरेचि
 - हल् सन्धि – स्तोः श्चुनोश्चुः, झलां जशोन्ते, यरो-नुनासिको वा, तोर्लिः
 - विसर्ग सन्धि – ससजुषोरुः, हशि च, रो रि, विसर्जनीयस्य सः

- (द) समास – अवययीभाव समास, तत्पुरुष समास, कर्मधारय समास, द्विगु समास, द्वन्द्व समास, बहुब्रिहि समास, इनका सामान्य परिचय एवं समास विग्रह

इकाई – तृतीय – संस्कृत शिक्षण की विभिन्न विद्याओं का अध्ययन एवं पाठयोजनाएँ

- (अ) गद्य शिक्षण
- (ब) पद्य शिक्षण
- (स) व्याकरण शिक्षण
- (द) रचना शिक्षण (पत्र, निबन्ध, कहानी)

इकाई – चतुर्थ – संस्कृत शिक्षण की विधियों का अध्ययन एवं मूल्यांकन

- (अ) संस्कृत शिक्षण की विधियों का अध्ययन
 - प्रत्यक्ष विधि
 - संग्रन्थन विधि
 - आगमन निगमन विधि
 - विश्लेषणात्मक विधि
 - अनुवाद विधि / भण्डारकर विधि

(ब) इकाई योजना

(स) ब्लू प्रिंट एवं प्रश्न पत्र निर्माण

सत्रीय कार्य : (किसी दो विषय पर)

- माध्यमिक स्तर की संस्कृत पाठ्यपुस्तक की समीक्षा करना।
- किसी एक वर्ष का प्रश्नपत्र हल करना।
- किसी एक विद्या पर शैक्षिक पाठ्यक्रम का आलेखन।
- रचना पाठ के लिए पाँच चित्रों का निर्माण।
- उच्चारण सुधार हेतु पाँच अभ्यास तालिकाओं का निर्माण।
- संग्रन्थन विधि पर पाठयोजना तैयार करना।

Learning Outcomes:

- ❖ माध्यमिक स्तर के शिक्षकों में संस्कृत भाषा संबंधी व्याकरण की जानकारी एवं उनके प्रयोग की दक्षता का विकास कर सकेंगे।
- ❖ तृतीय भाषा शिक्षण के आधारभूत सिद्धान्तों का विकास कर सकेंगे।
- ❖ संस्कृत शिक्षण के उाँश्यों का निर्धारण एवं व्यावहारिक परिवर्तन हेतु प्रयास कर सकेंगे।
- ❖ संस्कृत भाषा के विभिन्न कौशलों का पृथक एवं समन्वित शिक्षण का विकास कर सकेंगे।
- ❖ विभिन्न विद्याओं के सफल अध्यापन हेतु विभिन्न विधियों का प्रयोग कर सकेंगे।
- ❖ संस्कृत भाषा शिक्षण में श्रव्य-दृश्य सामग्री का निर्माण एवं शिक्षण में प्रयोग कर सकेंगे।
- ❖ संस्कृत शिक्षण के मूल्यांकन हेतु प्रश्नपत्र निर्माण करना एवं कौशलाधारित परीक्षण कर सकेंगे।
- ❖ संस्कृत भाषायी दक्षता में होने वाली अशुद्धियों का कौशलानुसार निदान कर सकेंगे।

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SEMESTER-IV

Course	Course Title	Course	Credit	C.I.A.	Theory	Total
24BED-404T	Urdu	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES

- To enable the Pupil teacher to
- knowledge of mother tongue and to familiarize with the appropriate terminology.
- working knowledge of grammatical system in Urdu.
- write in an appropriate manner for a particular purpose with a particular audience in mind.
- teaching and principles of translation.
- observation and demonstration of teaching skills.
- writing habit and skill to explain various methods of writing and to expose their difference.
- awareness of formation of good sentences.
- awareness with the method of teaching language differently.

Course contents:

UNIT-I: ROLE AND IMPORTANCE OF URDU LANGUAGE

Nature of Urdu Language
language of knowledge
Urdu as Urdu as a first, second and third language
Urdu as Mother tongue and school language, Importance of Urdu language in curriculum.

UNIT-II: AIMS AND OBJECTIVES OF URDU LANGUAGE PEDAGOGY

Aims and objectives of pedagogy of Urdu Language at different levels.
difference between Urdu language as a school subject and language as a medium of instruction and communication,
Methods of Urdu Language Teaching; Grammar cum translation method, Direct method, Natural method, Communicative approach
General Principles and maxims of Urdu teaching

UNIT-III: lesson planning and its teaching-learning materials

Lesson planning- : Basic elements, characteristics, approaches (Herbartian, R .C.E.M,BLOOMS,N.C.E.R.Tand significance. Year and Unit planning in Urdu teaching.
Lesson plan of Prose, Poetry and Grammar in Urdu teaching.
Micro teaching skill
Audio-visual aids and their importance in Urdu teaching and co-curricular activities

UNIT-IV Assessment & Evaluation

Development of following linguistic skills: Listening and understanding, Speaking, Reading, Writing in Urdu language
Evaluation of integrated lesson plan in Urdu language
Purpose, Types, Characteristics, Techniques and Tools of Evaluation, (CCE, Grading system, CBCS)
Construction of Achievement test in Urdu language
Diagnostic Evaluation, Remedial teaching in Urdu language.
Learning outcomes: The Pupil teachers will be able to:

understand the need and importance of Urdu Language
 develop proficiency in the Urdu Language
 be Familiar with the psycholinguistics and sociolinguistics aspects of Urdu Language
 use technology to enrich Urdu Language Teaching
 be aware of the pedagogical practices required for teaching Urdu as Language
 encourage continuous professional development in Urdu Language
 develop an appreciation the role of Urdu Language in both academic and Social Life.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-405T	History	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To understand the aim and objectives of teaching history at different levels of the secondary stage. To apply different approach to organize history
- To understand the types of evaluation of teaching history
- To develop classroom skills to apply different methods and approaches of teaching history at the secondary stage.
- To develop the skill to plan for instruction and the instructional support materials.
- To develop the skill related to diagnostic testing and remedial teaching

Course Contents:

Unit- I Meaning, Nature and Curriculum of Teaching History

Concept and Objective of Teaching History of the Secondary Stage.
Correlation of History with other school subject.
Principle of Curriculum Teaching History.
Different Approach to Organizing History Curriculum, Chronological , Biographical, Topical , Concentric

Unit- II Methods and planning in Teaching History

Lesson plan and Unit plan
Story Telling, Biographical, Source, Time-line, Supervised, and Project Method
History Teacher-professional growth in change's
Teaching Aids- meaning, Type's and importance

Unit- III Evaluation of Teaching History

Concept of Evaluation
Purpose of Evaluation in Teaching History
Types of Evaluation (Essay Types, short Answer Types and Objective Types)
Blue-Print & Construction of Achievement Test in History

Unit- IV Innovative Methods in Teaching History

Programmed instruction method,
Team-Teaching
Panel discussion
Field trip

Assignment & Practical Works: (Any Two)

Historical study of a place of Local Important
An Essay on any current Issue
Critical Appraisal of any of the History Text books Prescribed for the Secondary level Preparing a Scrap-book on Any one aspect of History and Culture
Report writing of a freedom fighter/Social work and the Historical Personality of 20th Century at your locality based on interview.
One Assignment Work on any topic related with above Unit.

Learning Outcomes:

After completion of this course students would able to:

Understand the nature, scope and importance of learning history at secondary.
Explain aim and objectives of teaching history at different levels of the secondary stage.
Develop knowledge about the basic principles governing the construction of history curriculum and develop the ability history curriculum
Organize Co-curricular activities and community resources for promoting history learning.
Develop classroom skills needs for applying different methods and approaches of teaching history at the secondary stage.
Understand the skill to plan for instruction and the instructional support , materials.
Develop the skill needed for diagnostic testing and remedial teaching

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-406T	Civics	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To explain the role of civics to promote International Understanding.
- To understand Planning-Annual Plan, Unit Plan, & Daily Lesson Plan.
- To prepare different methods of teaching civics
- To apply various Fundamental Principal of Formulation Curriculum in Civics
- To develop competencies related to teaching of civics.

COURSE CONTENTS:

Unit- I Theoretical Perspective of Civics Teaching

Meaning & Development of Civics.

Nature, Scope & Developing Critical Thinking about Civics.

Role of Civics in Promoting International Understanding.

Aims & Objectives of Civics Teaching at Different Levels - Primary, Upper Primary, Secondary & High Secondary.

Unit- II Planning of teaching & Evaluation

Planning-annual Plan, Unit Plan, & Daily Lesson Plan.

Audio Visual Aids.

Inovation

Evaluation (different types of test, setting, question paper, blue print, scoring key).

Unit- III Methods of teaching Civics

Lecture Method

Project Method

Problem Solving Method

Programme Learning

Team Teaching
Discussion Method,
Demonstration

Unit- IV Curriculum Planning & Activities

Selection & Organization Content at Various Levels
Fundamental Principal of Formulation Curriculum in Civics
Charactristics of a good Text Book
Planning a Civics Studies Room

Assignment & Practical Works: (Any Two)

Write an essay on any political problem
One Assignment Worksolve.

A critical study of Any one aspect of the constitution or one of its amendments.

- Make five different teaching materials using different type of teaching aids.
- Make charts on fundamental rights & duties.
- Prepare a scrap book on any political issue

Learning Outcomes:

After completion of this course students would able to:

Understand the role of civics.

Understand the Planning of teaching & Evaluation.

Prepare Fundamental Principal of Formulation Curriculum.

Develop competencies in teaching of civics.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-407T	Social Studies	Pedagogy of a school subject	4	30	70	100

OBJECTIVES:

- To enable the students to understand the meaning of social science and correlate with modern social science .
- To understand the different approaches and organizing Social Science To prepare students for panel discussion , seminar and workshop

- To enable the student – teacher to critically examine the social science syllabus and text books. To develop the classroom skills and use of techniques for teaching of social science.
- To develop the ability to organize co-curricular activities and utilize community resources for promoting social science learning.

Course Contents:

Unit -I An Overview of Social Science

Social Science: concept, nature and scope

Relationship of Social Science with other School Subjects (History, Sociology, Political Science Economics, Mathematics, Science and Technology)

Need and Importance of Teaching Social Science

Objectives of Teaching Social Science at School Level: Elementary Level, Secondary Level

Unit -II Social Science Curriculum Principles of Designing a Good Curriculum and Planning in Social Science Teaching

Different Approaches to Organizing Social Science

Chronological

Biographical

Concentric

Characteristics of Good Text Book

Planning a Social science Room

Social Studies Teacher – Quality, Functions and Professional Growth of Social Science Teacher

Planning for Teacher of Social science

Annual plan

Unit plan

Lesson plan

Unit - III Methods of Teaching Social Science

Storytelling, Biographical, Socialized Recitation, Source method, Problem solving Method, Project method.

Team Teaching

Panel Discussion, Seminar and Workshop

Field Trips

Programmed Instruction

Unit - IV Use of Instruction Material and Evaluation in the Social Science

Audio- Visual Equipment :- Use of Slide Projector OHP, Epidiascope, Television and Computer.

Teaching Aids of Various kinds, their Effective Use in Class Room (Models, Black-board, Map, Graphs, Time Chart , Films, Coins and Puppet .

Concept, Importance and Purpose of Evaluation in Social Studies. Construction of Blue Print and Achievement Test in Social Science

Assignment & Practical Works: (Any Two)

Studying historical monuments available locally and writing report on it Prepare a scrape book on any social issue

Studying any social problem and write a report of the same
Two abstracts of articles published in news papers journal on current social issues Assignment Work any two topic
Prepare a lesson plan using local/ community resources as teaching aids (fair, festival, person, place etc.)
Construction, administration and interpretation an achievement test of any standard of school
Make 2 different teaching materials using different type of teaching (e.i. Charts, atlas model & power point etc) at school social science subject
Write film script

Learning Outcomes:

After completion of this course students would be able to:

- Understand the need for learning social science .
- Understand the place of social science in the secondary school curriculum.
- Develop the skills in student – teachers to select and apply appropriate methods and evaluate social science.
- Critically examine the social science syllabus and text books. Develop the classroom skills needed for teaching of social science.
- Develop the ability to organize co-curriculum activity and utilize community resources for promoting social science learning.
- Acquire the ability to develop instructional support materials. Review the text –book of social science (secondary level).

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-408T	Economics	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To help the students to acquire the basic understanding in the field of Economics.
- To enable the student teachers to understand the aims and objectives of teaching Economics at the secondary school stage.
- To develop the ability, to evaluate the present curriculum in Economics at the secondary level. To develop the ability to organize group activities and projects in the subject.
- To develop the ability to use of various methods of teaching Economics.
- To enable the student to acquire necessary skills for the use and preparation of teaching aids and instructional material in Economics.
- To develop in the students appropriate attitudes towards the country's Economy.
- To develop in the student an adequate sense of awareness about Economic issues of the country and an out-look of problem solving through analysis and application of the theory of Economics.
- To develop competence in framing objective based achievement and diagnostic test, their administration and their scoring and drawing conclusions there of. 10. To develop in the students an ability to conduct various surveys in Economics and organize field trips.
- To enable the student-teachers to prepare unit plan, lesson plan and related teaching learning strategies.
- To enable the student teachers to review the text book of Economics.

COURSE CONTENTS:

UNIT-I Concept of Economics

The Place of Economics in School Curriculum.

Aims and Objectives of Teaching Economics at the Secondary Level

Instructional Objectives, Behavioural Objectives, Measurable and Non-measurable Objectives, Behavioural Statements of Objectives for Various Learning Points and Lessons.

UNIT-II Principle of Curriculum Planning

Principles and Approaches to Framing Syllabus and its Critical Appraisal at Secondary Level.

Curriculum Planning and Activities.

Evaluation of Text-books in Economics at the School Level:

Criteria of Good Text-book

Assignments, Exercises, Glossary and Summary in the Text

Maxims and Principles of Class-room Teaching.

Class-room Observation.

UNIT-III Planning and Methods of Teaching Economics

Lecture Method.

Project and Problem Solving Method.
Discussion Method.
Inductive and Deductive Method.
Unit and Daily Lesson Plannings
Teacher's Role and Attitude

UNIT-IV Instruction Material and Evaluation in Economics

Black-board, Maps, Graphs, Slides & Transparency, Audio-visual Aids, Slide Projector, Overhead Projector, LCD etc.

Importance and Concept of Evaluations,

Evaluation Devices- Essay type. Short answer Type and Objectives Type Test.

Blu Print

Preparation, Administration and Scoring of Unit Test.

Assignment & Practical Works: (Any Two)

Preparation of two teaching aids related to subject. (PPT Transparency)

Review of two published papers related to subject. Review of a text-book at school level.

Learning Outcomes:

After completion of this course students would able to: Explain the basic of Economics.

- Understand the aims and objectives of teaching Economics at the secondary school stage.
- Develop the ability, to evaluate the present curriculum in Economics at the secondary level.
- Organize group activities and projects in the subject.
- Use of various methods of teaching Economics.
- Acquire necessary skills for the use and preparation of teaching aids and instructional material in Economics.
- Appropriate attitudes towards the country's Economy.
- Adequate sense of awareness about Economic issues of the country and an out-look of problem solving through analysis and application of the theory of Economics.
- Framing objective based achievement and diagnostic test, their administration and their scoring and drawing conclusions there of.
- Prepare unit plan, lesson plan and related teaching learning strategies.
- Review the text book of Economics.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED409T	Geography	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To understand the modern concept of Geography.
- To prepare yearly plan, unit plan, lesson plan for different classes.
- To prepare maps and charts to illustrate the content of different classes and use them effectively.
- To critically evaluate the existing school syllabus and review the text book of Geography.
- To apply appropriate method and techniques of teaching to particular topics at different levels.
- To arrange field trips and local surveys.

Course Contents:

Unit- I Concept and Objectives

Development of Geography, Modern concept and new trends of Geography. Its place in schools curriculum. Its importance in day to day life and International understanding Correlation of Geography with other school subjects.

Teaching objectives of Geography at different levels- Primary, Upper Primary secondary and Higher Secondary.

UNIT- II Curriculum planning in Geography

Principles of curriculum construction in Geography and its critical appraisal

Basic Principles for selection and organization of content according to learners level.

Co-curricular activities in Geography, study of home region, Organization of field trips and excursion, Geography museum and library.

Evaluation of text book in Geography.

UNIT- III Methods, Planning for teaching and role of teacher

Annual plan, Unit plan methods, Daily lesson plan

Story telling, Regional Method, Demonstration method, laboratory, inductive and Deductive method.

Descriptive and Comparative method (Problem Solving, project and Supervised study method). Approaches- Field trips, visit labs, use of local resources in teaching of Geography.


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 Sikar (Rajasthan)

Qualities, Role and professional growth of Geography teacher

UNIT-IV Use of Instructional Material and Evaluation in Geography

Audio-Visual Equipment:- use of Slide Projector, OHP, Epidiascope, Television and computer in Geography Teaching aids of Various kinds. Their effective use in class room (Models maps, pictures, sketches, diagrams, film, film strips. Atlas, Slides transparencies etc., Geography room/laboratory. Importance of lab work, equipment and apparatus. Evaluation of achievements in Geography. Construction of achievement test.

Different types of tests, their merits and limitations, (Essay type. short, answer and objective type.) Blue-Print, preparation of question paper and item analysis.

Assignment & Practical Works: (Any Two)

Prepare a scrap book on Geographical articles and news. Preparation of maps, charts and models for physical Geography Develop some lesson plan based on new methods and approaches.

Write one or two article or abstract related to the current issues of Geography Critical appraisal of geography syllabus at secondary level.

Construction of objective type test items.

Collection of news paper cuttings related to Geographical issues.

Prepare a bibliography of reference books on the topics prescribed in Geography syllabus.

Practical demonstration of the ability to use some weather instruments.

Prepare a report on visit to some place of Geographical interest.

Learning Outcomes:

After completion of this course students would able to:

Understand the modern concept of Geography and its correlation with other school subjects. Explain co-curriculum activities in geography.

Prepare various teaching plances. Explain different teaching aids.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-410T	Home Science	Pedagogy of a school subject	4	30	70	100

OBJECTIVES:

- To understand the Concept, Nature and Scope of Home science.
- To provide knowledge related to pedagogical concept like aims, objectives, approaches, methods, blue print and assessment.
- To stimulate curiosity and creativity for application of different methods according to learning situations.
- To develop attitude towards skill development, application of new trends and use of information technology to enhance productivity of teaching.

Course Contents:

Unit- I Theoretical Perspective of Home Science

Concept, Nature and Scope of Home science

Correlation of Home science with other school subjects in context of resolving problems related to family and community

Vocational skill Development through Home science teaching Aims and objectives of Home science teaching

Unit- II Planning, Curriculum & Evaluation

Planning : Concept, Types and Significance

Criteria of Curriculum Development : Individualized, Interdisciplinary and Special issue oriented

E- resources in Home science : Fashion blog, Nutritional remedies, Blogs, Specific institute related to textile, designing & health

Co- curricular activities : Group Discussion, Exhibition, Excursion etc

Blue print construction, Continuous & Comprehensive Evaluation in Home science

Unit- III Approaches and methods : Concept, Process, Scope and limitations :

Constructivist approach Problem solving method Project method Experimental method

Dalton method and Dramatization

Unit- IV Measurement and Evaluation

Concept of Measurement and Evaluation Criteria of good Evaluation

Preparation of Blue Print

Dignostic test and Remedial learning material Continuous and Comprehensive Evaluation Assignment & Practical Works: (Any Two) Prepare a survey report for vocational skill development through Home science at college level Experimental works in food/clothing/textiles/household gadgets in context of teaching and learning Visit to Health centre/ Community service centre/ schools/ colleges/ NGO and prepare a file with report

Construct a project related to recent problem in local area

Develop a diagnostic test for students and plan remedial works for them

Prepare two lesson plan based on Constructivist/ experimental approach for students

Learning Outcomes:

After completion of this course students would be able to:

Organize co- curricular activities like Group Discussion, Exhibition, Excursion etc. at school level. Stimulate curiosity and creativity for application of different methods according to learning situations. Develop attitude towards skill development, application of new trends and use of information technology to enhance productivity of teaching.

Analyze school syllabus of the subject in relation to its applicability in local situations

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-411T	Chemistry	Pedagogy of a school subject CE	4	30	70	100

Objectives:

- To develop a broad understanding of the principles and procedures used in modern science specially in chemistry.
- To develop essential skill for practising modern science education.
- To understand aims and objectives of chemistry.
- To gain ability for critically evaluate the existing syllabus of science.
- To prepare achievement test and diagnostic test.
- To enable him to organize co-curricular activities related to science.
- To appreciate the contribution of world scientist in connection with historical development of chemistry.

Course Contents:

UNIT-I Nature and Scope

Nature of Science and Chemistry, Importance of Chemistry in Daily Life, Correlation of Chemistry with Other Subjects

Values of Teaching Chemistry

Scientific Attitude, Scientific

Literacy

Eminent World Scientist in the Area of Chemistry Like Dalton, Einstein, Neil Borh, Rutherford, Marry Quarry.

Globalisation and Chemistry

UNIT-II Curriculum planning and activities

Place of Chemistry in School Curriculum, Principles of Developing Chemistry Curriculum

Modern Trends in Chemistry Curriculum, Reading Material - Text Book, Journal, Handbook, Science Library

Critical Appraisal of Syllabus of Science with Reference to Chemistry Prescribed by State Board of Secondary Education

UNIT-III Methods and approaches of teaching

Lecture cum Demonstration Method (Inductive and deductive method), Project Method, Scientific Method, Heuristic Method

Panel Discussion. Seminars and Workshop Laboratory Method.

Teaching aid-Bulletin Board, Flannel Board, Filmstrips, Transparency, OHP, Direct Projector LCD Panel, Non-formal Approaches- field trips

Laboratory- Lay out Plans, Equipments, Furniture, Maintenance of Records, Repair, Care and Improvisation of Apparatus, Safety measures in Laboratory

UNIT-IV

Planning for Teaching and Role of Teachers. Annual Plan, Content analysis, Pedogogical Analysis Inquiry Model of Teaching Lesson Plan and Level Plan Piagian and Brunerian Approach- Behaviourist Contribution

Evaluation - Criteria of good Evaluation Concept of Evaluation, Types of Test Items : Objective, Short Answer, Essay Type, their Merits and Demerits, Blue Print for a Unit Test Achievement and Diagnostic Test

Assignment & Practical Works: (Any Two)

- Make a list of practicals related to secondary science curriculum
- Essay related to any topic of the paper
- Make a list of local resources useful in teaching chemistry to the students of vv Secondary class
- Make a visit any senior secondary science laboratory of a school and prepare a report.
- Make a presentation based on any above topic.

Learning Outcomes:

After completion of this course students would able to:

- Understanding Importance of Chemistry and correlate it with other subjects
- Acquient with the Modern Trends in Chemistry.
- Gain ability for critically evaluate the existing syllabus of science.

- Prepare achievement test and diagnostic test.
- Organize co-curricular activities related to science.

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Semester

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-412 T	Physics	Pedagogy of a school subject CE	4	30	70	100

Objectives:

- To appreciate the contribution of eminent physicist in connection with the development of the subject.
- To familiar with the aims and objective of the subject in relation to the present need of the society and educational policies of India.
- To plan curriculum at the secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situation.
- To develop scientific attitude and provide training in scientific method to their student.
- To write objectives in behavioural term content analysis and content mapping .
- To develop yearly plan, unit plan and lesson plan.
- To plan, equip and organize physics practical in the laboratory.
- To use various methods with appropriateness of content, level and classroom situation.
- To prepare test paper for theory and practical work.

Course Contents:

Unit- I Nature Scope & Curriculum

Nature of science and physics, major milestones in the development of physics

Aims, objectives and values of teaching physics at secondary and senior secondary level
Concept of curriculum place of physics in secondary/sr. secondary level curriculum, selection and organization of content and experience
Correlation of physics with other school subjects and its role in daily life
Critical appraisal of the prescribed syllabus of physics (at senior secondary, secondary level of Rajasthan and CBSE board)

Unit- II Planning for Instruction and Role of Teachers

Writing of objectives in behavioural terms, content analysis.
Developing yearly, unit and daily lesson plan.
Teachers role in training students in scientific method and in development of scientific attitude.
Qualities, responsibilities and professional growth of physics teacher.
Creativity among students.

Unit- III Methods and Approaches of Teaching Physics

Demonstration method, Heuristic method, Inductive-Deductive method.
Laboratory method, Project method, problem solving method, assignment method.
Multi sensory aids in teaching of physics like chart, model modern electronic resources like; LCD projector, OHP and ICT
Co-curricular activities like science club, science fairs and field trip.
Role of state and national level institutes and laboratories(DST, ISRO, solar observatories etc.) in promoting science education.

Unit- IV Evaluation

Types of test items.
Construction of various test items.
Preparation of blue print and achievement test.
Diagnosis and remedial teaching in physics, enrichment material.
Evaluation and practical work in physics.

Assignment & Practical Works: (Any Two)

Planning of an out of class activity to use local environment to teach physics.
Life sketch of any two modern physicists.
Essay related to a topic prescribed in the paper .
Case study of Any one senior secondary lab of physics.
Conducting and reporting three experiments useful at secondary level.
Description of design of any improvised apparatus.

Learning Outcomes:

After completion of this course students would able to:

Appreciate the contribution of eminent physicist in connection with the development of the subject.
Understand with the aims and objective of the subject in relation to the present need of the society and educational policies of India.
Plan curriculum at the secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situation.
Develop scientific attitude and provide training in scientific method to their student.
Write objectives in behavioural term content analysis and content mapping .
Develop yearly plan, unit plan and lesson plan.
Plan, equip and organize physics practical in the laboratory.
Use various methods with appropriateness of content, level and classroom situation.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-413T	Mathematics	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To understand and appreciate the uses and significance of Mathematics in daily life
- To learn various approaches of teaching mathematics and use them judiciously
- To know the methods of planning instruction for the classroom.
- To prepare curricular activities and organize the mathematics Laboratory.
- To appreciate and organize activities to develop aesthetics of mathematics.
- To give competence in teaching different mathematics topic effectively

Course Contents:

Unit- I Concept meaning and objectives of mathematics.

Concept, meaning and nature of mathematics

History of mathematics

Contribution of Indians and western mathematics.

Aims and objectives of teaching mathematics

Blooms taxonomy relating to the teaching objectives in mathematics (cognitive Affective, psychomotor domain)

Unit- II Methods and approaches of teaching mathematics.

Inductive vs. Deductive

Analytical vs. synthesis

Heuristic, Project, drill, assignment and supervised study, Laboratory method.

Lesson planning, Unit plan and Yearly plan for mathematics teaching.

Audio visual teaching aids in mathematics (Chart, Model, OHP, LCD, ICT), Improvising Low cost teaching aids in mathematics.

Unit- III Planning for instruction and curriculum.

Curriculum development principle for the secondary and senior secondary level.

Teaching of Arithmetic, algebra and Geometry

Text book in mathematics, Quality of good book in mathematics.

Critically evaluation of existing mathematics syllabus prescribed by Rajasthan Board of Secondary Education and C.B.S.E. at different levels.

Using mathematics as a game for recreation, organizing Quiz programmes, magic square, answering puzzle and reasoning.

Unit- IV Evaluation in teaching mathematics:

Academic testing – objective vs. subjective type test.

Diagnostic evaluation in mathematics.

Preparation of blue print and achievement test.

Preparations of standardized vs. teacher made test in mathematics.

Process of obtaining feedback and evaluation in mathematics in term of teaching objectives.

Assignment & Practical Works: (Any Two)

Preparation of detailed plan about development of mathematics laboratory or mathematics club.

Life sketch of any two Mathematicians.

Essay related to a topic prescribed in above paper.

Prepare a case study of slow learner in mathematics or gifted child in mathematics.

Observation of mathematics classroom teaching in any secondary school and then prepare a diagnostic and remedial teaching plan.

Learning Outcomes:

After completion of this course students would able to:

Understand and appreciate the uses and Significance of Mathematics in daily life

Use various approaches of teaching mathamethics and use them judiciously.

Understand the methods of planning instruction for the classroom.

Prepare curricular activities and organize the mathematics Laboratory.

Appreciate and organize activities to develop aesthetics of mathematics.

Give competence in teaching different mathematics topic effectively

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-414T	General Science	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To develop the knowledge about science and its nature.
- To acquire the knowledge about contribution of eminent Indian scientists.
- To aware about the aims, objectives and construction of curriculum.
- To develop understanding about co-curricular activities, methods of teaching and preparation of test paper.

COURSE CONTENTS:

UNIT- I Concept and Nature of General Science

- Science : concept, nature and scope
- Correlation of science with other subjects
- General Science and its importance in school curriculum.
- Inquiring influence of science on man and environment.
- Scientist and their professional achievement.

UNIT- II Aims Objectives and Curriculum

- Writing aims and objectives in behavioural term.
- Developing yearly, unit and daily lesson plan.
- Principle of curriculum construction in General Science.
- Teachers role in training students in scientific method and scientific attitude.
- Professional growth of General Science teacher.

UNIT-III Methods of Teaching General Science

- Lecture method, Demonstration method
- Inductive-deductive method
- Project method, problem solving method
- Laboratory method, Assignment method

Heuristic method

UNIT- IV Activities and Evaluation

Science laboratory

Teaching aids in General science- OHP, LCD Projector , Television.

Co curricular activities, Science club, Science fair

Evaluation : concept and importance

Preparation of blue print and test paper construction.

Assignment & Practical Works: (Any Two)

Make a list of practicals related to secondary science curriculum.

Essay related to one topic prescribe in the paper.

Preparation of a comprehensive field trip to plan for a group of twenty students.

Make a list of local resources useful in teaching general science to the students.

Make a visit at any senior secondary science laboratory of a school and prepare a report.

Conducting and reporting three experiments useful at secondary level.

Make a presentation based on any above topic.

Learning Outcomes:

After completion of this course students would able to:

Contribution of eminent Indian scientists in connection with the development of the subject.

Familiar with the aims and objectives of the subject in relation to present needs of the society and education policies in India.

Plan curriculum at secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situations.

Identify proper methodology to deal with the content which is to be handled by him as teacher in secondary and higher level.

Develop a broad understanding of the principles and procedures used in modern science education.

Prepare test paper for evaluation.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-415T	Biology	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To acquire the knowledge of nature and scopes of Biology.
- To develop understanding the principles of curriculum, planning and E-resources in Biology.
- To develop awareness about various approaches and innovative methods of Biological science for effective teaching learning process.
- To develop knowledge of multisensory teaching aids to enhance students engagement and activity based learning.
- To aware about construction of blue print, diagnostic test and remedial self learning material and conduct CCE procedure.

Course Contents:

Unit- I Theoretical Perspective of Biology

Meaning , Nature and Scope of Biological science and its branches
 Historical Development of Biological science
 Development of values through Biology teaching
 Science as a domain of enquiry, dynamic body of knowledge and as a process of constructing knowledge
 Developing and significance of Scientific Temper through activities
 Aims and Objectives of Biological teaching
 Writing Objectives in Behavioral terms and Content analysis

Unit- II Curriculum and Planning

Concept and principles of curriculum
 Models and approaches related to curriculum organization
 Recent curriculum innovations in context of National Curriculum Framework (NCF)
 Planning : Concept, Types and Importance
 Co- Curricular activities- Excursion, Science fair, Science club
 E-resources in Biology : Biology blog, E-learning, Useful links and websites etc.

Unit- III Methods and Approaches

Herbertian & Constructivist approach (Five 'E' model)
 Co- operative learning approach

Inquiry training model & its application

Problem solving approach

Inductive and Deductive methods

Multisensory Teaching aids- Low cost models, L.C.D. Projector, Poster making, Concept map etc.

Unit- IV Measurement and Evaluation

Concept of Measurement and Evaluation

Criteria of good Evaluation

Preparation of Blue Print

Diagnostic test and Remedial learning material

Continuous and Comprehensive Evaluation in biology

Assignment & Practical Works: (Any Two)

- Construct, administer and interpret an achievement/diagnostic test and resolving related problems through remedial measure too
- Prepare the Concept map related to school level teaching and demonstrate them to learn different contents in classroom
 - Prepare the report on environmental problems in local area and resolving issues through scientific project.
 - Poster Presentation/ Drama on various issues related to community awareness about biodiversity/ environmental problems/ waste management.
 - Organization of exploratory activities to develop scientific attitude and temper

Learning Outcomes:

- After completion of this course students would able to:
- Acquire the knowledge of nature and scopes of Biology.
- Understand the principles of curriculum, planning and E-resources in Biology.
- Know and apply the various approaches and innovative methods of Biological science for effective teaching learning process.
- Apply knowledge of multisensory teaching aids to enhance students engagement and activity based learning.
- Construct blue print, diagnostic test and remedial self learning material and conduct CCE procedure.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-416T	Commercial Practice	Pedagogy of a school subject CE	4	30	70	100

OBJECTIVES:

- To acquire the basic understanding in the field of commerce education.
- To develop the ability to plan curriculum and instructions in commerce at school level.
- To develop the ability to critically evaluate existing school syllabus and text book.
- To impart knowledge about the methods and devices of teaching commerce and to develop the skill of using the same.
- To develop the ability of preparing an achievement test.
- To develop commercial efficiency among students.

COURSE CONTENTS:

Unit - I Concept of teaching commerce

- Meaning, nature and scope of commerce education.
- Aims, objectives and values of teaching commerce at senior secondary level.
- The place of commerce in education.
- Qualities of commerce teacher , role and professional growth.

Unit - II Planning of Teaching Commerce

- Unit plan and daily lesson plan.
- Maxims of teaching.
- Devices of teaching commerce.
- Classroom observation

Unit -III Methodology of Teaching Commerce

- Modern Methods of Teaching Commerce :
- Analytic & Synthetic method
- Socialised Recitation Method
- Team teaching
- Programmed instruction method
- Project Method

Unit - IV Instructions Material and Evaluation in Commerce Education

- Importance of teaching aids for effective instruction commerce education.

Different audio-visual equipment and material used commerce education.

Evaluation in commerce importance, type of tests essay, short answer and objective type.

Blue print.

Construction of Achievement Test.

Assignment & Practical Works: (Any Two)

- Content Related subject topic
- Preparation any two teaching aids (Model, P.P.T.,

Learning Outcomes:

After completion of this course students would able to:

- Acquire the basic understanding in the field of commerce education.
- Develop the ability to plan curriculum and instructions in commerce at school level.
- Develop the ability to critically evaluate existing school syllabus and text book.
- Apply impart knowledge about the methods and devices of teaching commerce and to develop the skill of using the same.
- Prepare an achievement test.
- Use commercial efficiency among students.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-417T	Book-keeping	Pedagogy of a school subject CE	4	30	70	100

Objectives:

- To acquire the basic understanding of teaching of Book-keeping and Accountancy.
- To develop the ability to plan curriculum and instruction in Book-keeping and Accountancy.
- To develop the ability to critically evaluate the existing school curriculum of Book-Keeping.
- To impart knowledge of the methods and devices of teaching Book-keeping and to develop the skill of using the same.
- To give information about appropriate methods and devices of teaching particular topics for book-keeping.
- To develop necessary skill in preparation of using various teaching aids.
- Course Contents:

Unit- I Meaning and scope of Book-keeping and Accountancy

Meaning and scope of book-Keeping and Accountancy. its value and Importance in Social Life.
Aims and objectives of teaching Book-keeping and accountancy at senior secondary level.
Teachers Role and Attitude.

Unit - II Planning of Teaching Book-keeping and Accountancy

Unit plan
Lesson plan
Annual plan
Maxims and principle of classroom teaching
Classroom observation

Unit- III Teaching Approches and methods of Teaching Book-keeping and Accountancy

Teaching Approches of Book-keping and Accountancy
Journal Approch, Ledger Approch
Cash book Approch, Equation approch
Text book-keeping and accountancy their importance Criteria for selection of text book. Reference book and Journal.
Various methods of teaching book-keeping and accountancy – project, problems solving, Lecture-cum-demonstration method, team Teaching Program learning method.

Unit- IV Instruction Material and Evaluation in Book-keeping and Accountancy

Audio-visual aids in teaching Book-Keeping and accountancy computer. (tally) Internet
Evaluation of students performance
Blue Print
Construction of Achievement Test

Assignment & Practical Works: (Any Two)

Content related to subject topic
Any one subject topic

Learning Outcomes:

After completion of this course students would able to:

Acquire the basic understand of teaching of Book-keeping and Accountancy.
Develop the ability to plan curriculum and instruction in Book-keeping and Accountancy.
Critically evaluate the existing school curriculum of Book-Keeping.
Impart Knowledge of the methods and devices of teaching Book-keeping and to develop the skill of using the same.
Apply appropriate methods and devices of teaching particular topics for Book – Keeping.
Prepare achievement and diagnostic Tests.
Develop necessary skill in preparation of using various teaching aids..

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-418T	Drawing and Painting /Fine Art	Pedagogy of Drawing and Painting CC	4	30	70	100

OBJECTIVES

- To enable the student teacher to-
- get acquainted with importance of Drawing and Painting and its place in curriculum.
- understand the concept of representing models and imagination of Drawing and Painting
- get acquainted of methods of teaching of Drawing and Painting
- correlate of Drawing and Painting Education with other school subject.
- get acquainted with practical skill in Drawing and Painting

Unit-I BASIC OF FINE ART

Concept, Importance and Scope of different forms of Drawing and Painting

Nature, scope and aims of teaching Drawing and Painting

Importance of Drawing and Painting and its place in the curriculum at School level.

Significance of teaching Drawing and Painting at school level.

Unit-II AIMS AND OBJECTIVES OF TEACHING FINE ARTS

Aims and Objectives of teaching Drawing and Painting (Blooms & Revised Blooms Taxonomy)

Curriculum Organization of fine Arts.

Critical appraisal of the existing syllabus in fine Arts.

Importance of Exhibitions & Competitions in encouraging creative Expressions among Students.

Unit-III LESSON PLANING AND TEACHING AIDS OF FINE ARTS

Lesson planning to teach Fine Arts : Micro, Macro, ICT Based, Diary Based, Test Based, Model based (Line, Color, Design, Still Life, Poster)

Methods of teaching Fine Art and Its Approaches: Free Expression, Representation, Designing and clay modeling at various stages.

Representing model and imagination in Teaching of Fine Art

Audio –Visual aids and their use in teaching of Fine Arts and critical appraisal of present text books in Fine Arts.

Unit-IV PROFESSIONAL DEVELOPMENT OF ARTS TEACHER AND EVALUATION

Qualities and professional competencies of a Fine Arts teacher.

Composition and Appreciation of Fine Arts

Art Room, its need, equipment and decoration.

Evaluation: CCE, Grading system, CBCS, Construction of Achievement test, Remedial and diagnostic teaching.

Learning outcomes

The Pupil teachers will be able to-

develop basic understanding of different Fine art forms and their impact in our life.

enhance artistic and aesthetic sensibility of learners to enable them to respond to the beauty in different Fine Art forms.

develop skills for integrating different Fine Art forms across school curriculum at Secondary level.

create awareness of the rich cultural heritage, artists and artisans in the society

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Dy. Registrar
Pandit Deendayal Upadhyaya
Shekhawati University,
Sikar(Rajasthan)

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-419T	Music	Pedagogy of Music CC	4	30	70	100

OBJECTIVES

- To enable the Pupil teacher to-
- understand the history, importance, and co-relation of Music with other school
- comprehend the knowledge of swarms and sruti and Bloom's taxonomy of instructional
- prepare pedagogical analysis of the content and develop a lesson plan for the classroom
- acquire competence in skills for the teaching of Music.
- develop teaching aids to teach Music.
- familiarize the qualities of Music and Music teacher.
- understand the different methods of teaching Music.
- acquiring competency in preparing tools of evaluation.

Unit I- INTRODUCTION

Nature and scope of Music, Vocal and Instrumental Music.

Aims and Objective of teaching Music at School level.

The importance of Music and its place in the curriculum at School levels.

Curriculum: Classical, Light, Film and Folk music and the claims of each for inclusion in the syllabus: songs for school children

Unit II- SUBJECT MATTER OF MUSIC:

General principles of teaching Rags, Melodic grace, devices and Tune.

Training in Rhythmic perception, Correlation of Music with other school subjects.

Audio-visual aids and their use in teaching Music.

Textbooks: criteria of a good textbook in Music, a critical appraisal of the present textbooks in Music.

Unit III- MUSIC IN SCHOOL CURRICULUM

Importance of Music in School Curriculum

Music Room: Its equipment's and organization.

Different type of tests: (Theory and Practical) construction, administration and test of performance.

Knowledge of subject matter contents up to Secondary level.

Unit IV- BIOGRAPHIES OF THE FOLLOWING EMINENT MUSICIANS

Swami Haridas, Tansen

Pt. Vishnu Digambar Paluskar

Pt. V. N. Bhatkhande

Qualities of a Good Artist.

Learning outcomes

The pupil teacher will be able to-

- identify, analyze and work conceptually with the elements and organizational patterns of music and their interaction, employing this understanding in aural, verbal, and visual analyses and applications.
- distinguish and analyze music according to historical, cultural, and stylistic contexts, and to address culture and history from diverse perspectives.
- apply relevant forms of music technology, including their basic functions and integrative nature.
- demonstrate a fundamental proficiency in keyboard skills.
- demonstrate and apply the research skills necessary for musical and contextual understanding of musical elements and relevance.
- demonstrate the conducting and technical skills necessary to effectively and artistically lead a collaborative rehearsal.

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10. Calcutta
11. The Teaching of Music by Prof. P. Suambarmoorthy
12. A critique of Hindustani Music and Music Education by S. S. Awasthi
13. Sangeet Bodh by Dr. S. S. Awasthi
14. Teaching of music by Gauri Kuppaswamy & M. Hariharan
15. Sangeet Visharad by Vasant, Hathras Prakashan
16. Hamare Sangeetagya by Prakash Narayan
17. Pranav Bharti by Pt. Omkar Nath Thakur
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19. Voice Training by Grew, Oxford Univ. Press
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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-420T	Understanding the self	CC	2	50	--	50

OBJECTIVES:

- To develop understanding about themselves the development of the self as a person and a teacher
- To develop social relational sensitivity and effective communication skills, including the ability to listen observe.
- To develop holistic and integrated understanding of the human self and personality
- To built resilience within to deal with conflicts at different level and learn to create terms to draw upon collective strength
- To help explore ones dreams, aspiration concerns through varied forms of self expression, including poetry and humour.

Course Contents:

Unit -1: Exploring the Self

Concept and fundamentals of self-exploration: Self-concept, Self-Identity, Self-Image, Self-Esteem, Self-motivation

Factors affecting exploration of self: Heredity and environment

Personality: Concept, Dynamic Approaches & Determining a Distinctive Personality

Exploring, reflecting and sharing one's own aspirations, dreams, concerns and struggles in becoming a teacher

Unit -2: Development of Self

Techniques of Self Reflection: Introspection, Reflective Diary, Reflective Dialogue, Discussion & social media

Developing an understanding of one's own philosophical and cultural perspective as a teacher

Development of resilience and techniques for Stress Management

Professional ethics as a teacher to develop the Group & Social Harmony

Learning Outcomes

After completion of the course students will be able to:

Distinguish and explain the multiple ways for exploring the self.

Conduct self-development activities and stress management.

Assignment & Practical Works: (Any Two)

Write a self reflective journal (Approx 600-800 Words)

Elaborate your own values towards self and society

Conduct any two activities for stress management on school students or peers

Review any two movies with social messages.

Strength, weakness, opportunity and challenges (SWOC)analysis of ones own

Any other activities / assignment suggested by the subject teacher

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-421T	Teacher Education	CE	4	30	70	100

OBJECTIVES

- After going through the course the teacher trainee will be able:
- Understand the Modern Concept of Psychology aims and Objectives.
- Acquaint him with various techniques and methods teaching of Psychology Subject.
- Understand the scope of Psychology, A good Text Book of Psychology and different Techniques and Methods of the teaching of Psychology Subject.
- Acquaint him with the testing evaluation procedures, correlation and modern educational technology.

Unit-1

Teacher Education
Meaning of Teacher Training
New concept of teacher education
objectives of teacher education program
Importance of teacher education program

Unit-2

Various teacher education agencies
NCTE: Role and function
NCERT: Role and function

- Unit-3
- CTE: Role and function
 - GCERT: Role and function
- Teacher education as a profession
Scope and characteristics of teaching as a profession
Teachers status – Social, Economic and Professional Status.
Teachers competencies – Kind of Competencies
Teachers commitment areas – Kind of commitments

Unit-4

- In-Service and Pre-service Program
- Meaning and Objectives
- Basic requirement and programmes for quality improvement
- Innovative practices – Classroom teaching method and use of latest technology
- New Horizons for teaching profession

Suggested Activity:

- Read One Biography any eminent teacher
- Visit and interaction of any educational institute

REFERANCE :

1. Buch, M. B., (1978). *Second Survey of Research in Education*, Baroda; Centre of Advanced Study in Education
2. Chaurasia G., (1977). **Innovations and Challenges in Teacher Education**, New Delhi; Vikas Publications.
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4. Dutt, S. (1972). **The Teachers and His World**, Agra; Sukumar Dutt, Soamibagh
5. Goodigs R. (1982). **Changing Priorities in Teacher Education**, New York; Nichols Publication Co.
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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-422T	Physical Education & Yoga	CE	4	30	70	100

OBJECTIVES :-

- The course will enable the student teachers to –
- To enable them to understand the need & importance of Physical Education.
- To acquaint them to allied areas in Physical Education.
- To sensitize the student teacher towards physical fitness & its importance.
- To make them aware of the benefits of physical fitness & activities for its development.
- To help them acquire the skills for assessment of physical fitness.
- To introduce them to the philosophical bases of Yoga.
- To introduce them to types of Yoga & its importance.
- To motivate them to resort to physical activity for the fitness development.
- To help them understand the procedure of health related fitness evaluation.

Course Contents:

Unit 1. PHYSICAL EDUCATION

Introduction, Definition and Meaning of physical education.

Objectives of physical education.

Scope of physical education & allied areas in Physical Education.

Unit 2. PHYSICAL EDUCATION AND METHODS

Need & importance of physical education in different levels of school(sec. and sr. sec. level)

Training methods :- Development of components of physical fitness and motor fitness through following training methods (continuous method, interval method, circuit method, fartlek/speed play and weight training)

Development of Techniques and Tactics.

Definition, Meaning, Types and factors of physical fitness

Factors affecting physical fitness.

Benefits Physical Fitness.

Unit 3. PHYSICAL FITNESS AND YOGA ACTIVITIES

Need of physical activities at school level.

Importance of physical activities at school level.

Assessment of physical fitness.

Introduction, Meaning and mis-concepts of Yoga.

Ashtang Yoga (8 stages of Yoga)

Types of Yoga

Importance of Yogasanas, 'Pranayama' and Shudhikriya

Importance of Meditation in School

Unit 4. HUMAN abilities and Yoga in Indian context

Education and Yoga – Promotion of intelligence, awareness and creativity through Yoga, Yoga in Class-rooms (Primary, Secondary and Higher education levels).

Stress and Yoga: Stress – Definition, Causes, Symptoms, Complications in life; Yogic management of stress related disorders – Anxiety, Depression and Suicidal tendencies.

Learning Outcomes :-

After completion of this course, the student – teachers will be able to –

Apply the Aims and Objectives of Yoga in real life situation.

Infer ideas about the different cause and symptoms of different communicable diseases.

Analyze the scope of health education and methods of impart health education in schools.

Analyze the scope, need and importance of physical education.

Distinguish between intramural and extramural competitions.

Tasks and Assignments

Learning and performing of basic yogic activities

Health and physical education relationship with other subject areas like science, social science and languages.

Fundamental skill of games/sports and yoga.

REFERENCES :-

1. Kuvalayananda, swami, Pranayama, (1983), Popular Prakashan Bombay.
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3. Lal, Raman Bihari, (2008), Siksha Ke Daarshnik Evam Samajshastriya Sidhant. Meerut , Rastogi Publications.
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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-423T	Guidance and Counseling	CE	4	30	70	100

OBJECTIVES:

- To educate about the basics concept, nature and scope of Educational and Vocational guidance.
- To understand the aims objective of educational and vocational guidance.
- To make enable about the importance of educational and vocational guidance.
- To give knowledge of role and responsibilities of guidance workers in school.
- To understand the nature and types of guidance service & with reference to school education.
- To understand the concept, nature and types of counseling.

Course Contents:

Unit- I Basics of Guidance

- Meaning and Nature of Guidance.
- Aims and Principles of Guidance.
- Types of Guidance
- Importance of Guidance in schools for individual and for society.
- Process of Guidance.

Unit- II Basics of Counseling

- Meaning, Nature and Principles of counseling
- Types of Counseling.
- Distinction between Guidance and Counseling.
- Role and Responsibilities of Guidance workers in school.
- Qualities of a good guidance programme.

Unit- III Area of Guidance

- Educational guidance
- Vocational guidance
- Personal guidance
- Guidance Implication in the current Indian scenario.
- Problems of guidance in India.

Unit- IV Guidance Services

- Introduction to Guidance Services.
- Individual Inventory Service
- Information Service
- Cumulative Record
- Placement Services
- Follow up Service

Assignment & Practical Works: (Any Two)

- Prepare a term paper on any topic of Educational, Vocational or Personal guidance
- Write an article on current educational problems, providing the solution.
- Observe an educational or co-curricular activity in a school or college and provide guidance for the improvement.
- Case study of two special children.

Learning Outcomes:

- After completion of this course students would able to:
- Understand the basic concept, Nature and scope of Educational and Vocational guidance.
- Describe aims objective of educational and vocational guidance.
- Understand importance of educational and vocational guidance.

Identify nature and types of guidance service & with reference to school education.
Understand the concept, nature and types of counseling.

REFERENCES :

1. Bansal, Aarati (2007), Educational and Vocational Guidance, Sublime Publication, Jaipur
 2. Chaturvedi, Ramesh, (2007), Educational and Vocational Guidance and Counseling, Crescent Publishing Corporation, New Delhi.
 3. Nayak A. K., Rao V. K. (2007), Guidance and Career Counseling, APH Publishing Corporation, New Delhi.
 4. Sharma, Shashi Prabha (2005), Career Guidance and Counseling (Principles and Technique), Kanishka Publishers, New Delhi.
 5. Sharma, Sita Ram (2005), Evolution of Educational and Vocational Guidance, ABD Publishers, Jaipur.
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शर्मा आर.ए., चतुर्वेदी, शिखा (2009), शैक्षिक एवं व्यवसायिक निर्देशन एवं परामर्श, आर. लाल, बुक डिपो, मेरठ
सह, रामपाल, उपाध्याय, राधावल्लभ, (2004), शैक्षिक एवं व्यवसायिक निर्देशन, विनोद पुस्तक मंदिर, आगरा

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-424T	Value Education	CE	4	30	70	100

OBJECTIVES :

- After going through the course the teacher trainee will be able:
- To enable students to understand the need and importance of value education.
- To enable them to understand the nature of values, moral values, moral education and to differentiate such values from religious education, moral training or moral indoctrination.
- To enable them to understand the process of moral development vis-à-vis their cognitive and social development.
- To Orient the students with various intervention strategies for moral education.

COURSE CONTENTS:

Unit-1 The Socio Moral and Cultural Context

Value: Meaning and Concept

Types of Value: Social, Ethical, Religious, Cultural

Indian Culture and Human Value

Pandit Dindayal's and Shyama Prasad Mukharjee Views on Value Education

Unit-2 Natural Concept of Morality and Moral Education

Concept of Value Education
Need of Value Education
Medium for Value Education
Approaches for Value Education

Unit-3 Moral Learning to Moral Education

Importance of Value Education
Moral learning out side the school, media and moral learning
NPE (1986): Values
Curriculum and Moral Education

Unit-4 Assessment of Moral Maturity

Value Classification Model
Value Analysis Model
Social Action Model
Value Education and Sanskar

Assignment & Practical Works: (Any Two)

Content related to subject topic
Any one subject topic

Learning Outcomes:

After the completion of the course, students will be able to:

- Describe the concept, need and classifications of values and adopt various values.
- Summarize the importance of value education and critically analyze the need for value education.
- Adopt various aspects of values for personal development.
- Inculcate and develop various social values.

REFERENCES :

1. Safaya, R.N. and Shaida, B.D. (1983): Principles and Techniques of Education. Dhanpat Rai and Sons, Delhi.
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3. MHRD, Report of Education Commission 1964-66, Ministry of Education, Govt. of India.
4. Ministry of Education, Govt. of India: Value Education Source Book (1994), NCERT, New Delhi.
5. Oad L.K. (Ed). (1988) : Shisha ke Nutam Ayam, Rajasthan Hindi Granth Academy, Jaipur
6. Ruhela & Vyas, (1969): Sociological perspectives in school education, Indian Publishers, Distributors, Delhi.
7. Ruhela & Vyas, (1996): The Emerging Concept of Education in Human Values, Regency Publication, New Delhi.
8. Gupta, V.K. (1996): Education in Emerging Indian Society, New Academic Publishing House, Jalandhar (English Version)
9. Gupta, V.K. (1998): Education in Emerging Indian Society, New Academic Publishing House, Jalandhar (English Version)

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED425T	Environmental Education	CE	4	30	70	100

OBJECTIVES:

- To understand the problems of concerning environment through multi disciplinary approach.
- To develop the skill of planning and organizing ecological activities in the schools.
- To create consciousness about environment among the adult learners.
- To give information on different techniques and materials for the affective dissemination of environmental information.

Course Contents:

UNIT- I Concept Of Environment

- Meaning , Scope, Importance
- Eco-System – Charecteristic Qualities
- Inter- Dependence In Environment
- Natural Resources
- Bio-Diversity – Scope & Threats, Preservation

UNIT- II Environmental Education

- Meaning, Importance and Objective
- Scope of Environmental Education
- Need for Public Awareness as a subject
- Muti-disciplenary Nature of Environmental Studies Curriculum Development

UNIT- III Environmental Hazards and Pollution

- Air Pollution
- Water Pollution
- Soil Pollution
- Noise Pollution

UNIT- IV Global Issues and Environmental Conservation

- Global Issue (Global Warming, Climate Change, Deplition of Ozone Leyer and Energy Crisis)
- Different Aspects Related To Environmental Conservation.
- Environmental Preservation &Improvement (At National & International Level)
- National Environment Policy

Assignment & Practical Works: (Any Two)

Study on Any one environmental problems. The report on the study must include efforts of the pupil / teacher in developing awareness among people about the environmental problems.

Prepare a plan to teach environment at education to the adults.

One Assignment Work solve.

Prepare a scrap book of an environmental articles and news.

Conduct environmental competition for local school student.

Learning Outcomes:

After completion of this course students would able to:

Students are able to understand the problems concerning environment through multi disciplinary approach.

Students are able to develop the skill of planning and organizing Ecological activities in the schools so the children can equipped to play their part in protection and enrichment of environment.

Students are able to create Environment Consciousness among the adult learners.

Students are able to use different Techniques and materials for the affective Dissemination of Environmental information.

Students are able to conduct local surveys, arrange field trips Environmental games and hobbies.

REFERENCES :

1. उपाध्याय, राधावल्लभ, (2008), पर्यावरण शिक्षा, विनोद पुस्तक मंदिर, आगरा
2. गुप्ता चौदमल, शर्मा, रेनू (2008), पर्यावरण शिक्षा, आस्था प्रकाशन, जयपुर
3. गोयल एम.के. (2008), पर्यावरण शिक्षा, विनोद पुस्तक मंदिर, आगरा
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5. बरोलिया, ए., पराशर, राधिका एवं दुबे, श्री कृष्ण, पर्यावरण शिक्षा के नये आयाम, राधा प्रकाशन मंदिर, आगरा
6. राजस्थान पाठ्यपुस्तक मण्डल की कक्षा 11 से 12 तक की पुस्तकें
7. रावत, कमलेश, पर्यावरण शिक्षा, अलका पब्लिकेशन, अजमेर
8. श्री वास्तव, पंकज (2007), पर्यावरण शिक्षा, मध्यप्रदेश हिन्दी ग्रन्थ अकादमी

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BED-4261	School Internship (16 Weeks)		4	100	--	100

Internship

SN	Internship Work (16 Weeks)	Maximum Mark
1	Teaching of Method Subject	20 Marks
2	Participation in All Activities of School	05 Marks
3	Report of Any Feature of School/Case Study/Action Research	10 Marks
4	Observation	10 Marks
5	Detail Study of School Documents like General Records, Progress Report, Academic Calendar, etc.	20 Marks
6	Organize Cultural Activities	05 Marks
7	Interaction and Observation of Students	10 Marks

8	Submission of total Internship program	20 Marks
	Total	100 Marks

Guidelines for the Internship Work

- 16 Weeks Internship in Recognized upper Primary/Secondary/Higher Secondary School. Trainee have to perform following activities during internship and prepare detailed report
 - Internship Report must be verified and signed by the school Principal
 - Detailed Study of School Documents, like General Records, Progress Report, Academic Calendar etc.
 - Organized cultural activities
 - Interaction and observation of students
 - Submission of total Report of internship Program.
- Action Research : Selection Problem, Data Collection ,Analysis, report Writing and Submission
- Case study : Fiel Work/Data Analysis and Report Writing for Submission (Any One)
- Observation : ordinary lesson and demonstration lesson

Course code	Course Title	Course Category	Credite	C.I.A.	Minimum Passing Mark		Total
24BED-427P	Practical Work	CC	2	50	25	--	50

SN	Practical Work	Maximum Mark
1	Criticism Lesson Plan	10 Marks
2	Power Point Presentation	10 Marks
3	Teaching Learning Material	05 Marks
4	Attendance/Seminar/Workshop	05 Marks
5	Participation in Social Activities	05 Marks
6	Participation in Cultural/Sports/Literature Activities in Institute/College	10 Marks
7	Institutional Visit	05 Marks

Guidelines for the Practical Work

- Power Point Presentation: Prepare two Power point Presentation in each subject
- TLM: Teaching Subject's Teaching Learning Material must be submitted at college (two)
- Institutional Visit: Visit of Any special School, well Known higher Education Institutes, library/i INFLIBNET, Government Institutes/Training Center(DIET, Text Book Board etc.) and detail report submission

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 Dy. Registrar
 Pandit Deendayal Upadhyaya
 Shekhawati University,
 Sikar(Rajasthan)

Syllabus
(As per NEP 2020)
BACHELOR OF EDUCATION (B.Ed.)
Two Year Regular Programme
DISTRIBUTION OF PAPERS, MARKS AND CREDITS



(W.E.F. Academic Session 2025-2027 onwards)
(Semester-I, II, III & IV)

Pandit Deendayal Upadhyaya Shekhawati University

Sikar (Rajasthan) 332024

E-mail: reg.shekhauni@gmail.com

Website: www.shekhauni.ac.in

NOTICE:

1. Change in syllabus/ ordinance/ ruls/ regulations/ syllabi and books may from time to time, be made by amendment or remaking and a candidate shall, accept in so far as the university determines otherwise comply with any change that applies to years he/she has not completed at time of change.
2. All court cases shall be subject to the jurisdiction of Pandit Deendayal Shekhawati University headquarters Sikar only and not any other place.

h14
Dy. Registrar
Pandit Deendayal Upadhyay -
Shekhawati University,
Sikar(Rajasthan)

BACHELOR OF EDUCATION(B.Ed.)

OBJECTIVES:

The objectives of this programme is to prepare teachers from upper primary to middle level (Classess VI-VII), Secondary level (Classess IX-X) & Senior Secondary level (Classes XI-XI) Pre –service teacher education programme are to enable the prospective teacher.

- ❖ To develop professionalism in teacher Education Programmed.
- ❖ To motivate creative thinking and work among teacher trainees.
- ❖ To foster moral, social character and spiritual values of trainees.
- ❖ To develop Inter-relationship among Department, School and Society.
- ❖ To develop cognitive, Affective and Psycho-motor domain of the teacher trainees
- ❖ To promote for future Prespective, Employability and Skill based Teacher Training
- ❖ To develop Self Evaluation, Positive Attitude and self confidence
- ❖ To apply educational innovation and new strategies of the Teacher Education and trainee

Admission Rules

Admission rules for the B.Ed. course shall be the same as decided by the NCTE and Government of Rajasthan from time to time. Reservation of seats for SC/ST/OBC/SBC/Specially-abled and others shall be as per existing Rajasthan Govt. /Central Govt. /University rules.

Admission Procedure for B.Ed.:

Admission shall be made based on marks obtained in the qualifying Examination or through the entrance examination or any other selection process or as per policy decided by the State Government and the University time to time.

Duration and Working Days

Duration :

The B.Ed. Programme shall be of duration of Two Academic Years, consisting of 4 sem. which must be completed in a Maximum of Three Years or six semesters from the date of the admission to the programme.

Working Days (For Both Years):

There shall be at least Two Hundred Working Days each year exclusive of the period of examination and admission.

- Institution shall work for a minimum of thirty-six hours a week, during which physical presence in the institution of all the teachers and student teachers is necessary to ensure their availability for advice, guidance, dialogue and consultation as and when needed.
- The minimum attendance of student teachers shall be 80% for all course work and practicum, and 90% for school internship.
- Candidates falling short in above stated attendance criteria will not be allowed to appear in the final examinations conducted by the university.
- There will be six days week system.
- Candidates remaining absent from college for 15 or more days without any justifiable reason or without any valid information, their names will be struck off the college roll list. Such candidates will have to seek re-admission from a fresh end.

Eligibility : Candidates with at least 50% marks either in Bachelor Degree/or in Master Degree in Science/Social Science/Humanities/Commerce – Bachelor of Engineering of Technology with

specialization in science and mathematics with 55 % marks or any other qualification equivalent thereto, Relaxation in case of reservation categories will be as perstate government guidelines

GENERAL RULES

- a) Teaching subject means a subject offered by the candidate at his bachelor's or Master's Degree Examination either as a compulsory subject or as an optional subject or as a subsidiary subject provided that candidate studied it for at least two years and also took University Examination each year but shall not include such subject as were studied by him only for a part of Bachelor's Degree course.

Thus, the qualifying subjects like General English, General Hindi, General Education, History of Indian Civilization and Culture, Elementary Mathematics etc. Prescribed for the First year T.D.C. Course of the University or a subject dropped by the candidates at the part I stage of the degree course shall not be treated as teaching subject. In case of Honours Graduates, besides the honours subjects the subsidiary subject would also be taken into account provided the candidate studied the same for at least two academic years and also took University Examination each year.

- b) Only such candidates shall be allowed to offer Social Studies for the B.Ed. Examination as have taken their Bachelor's Degree with any one subjects out of History, Political Science, Public Administration. Economics, Geography, Sociology, Psychology, Education, Music D&P, Home Science, Computer, Office Management and Secretariat Practice, Product & Export and Leather, Indian Music, Musicology, Archival Science.

A Candidate who has offered Political Science & Public Administration at his Bachelor's or Masters' Degree examination shall be deemed eligible to offer Civics as a teaching subject in B.Ed. Examination.

Different categories of courses are as follows:

CORE COURSE

A Course which should compulsory be studied by candidate as a core requirement is termed as core course.

- a. Core-Compulsory is a course which has to be studied compulsorily as a part of core requirement so as to get degree in concerned discipline.
- b. Core- Elective or Core allied is a course that supports / strengthens the core compulsory.

ELECTIVE COURSE

It is a course which can be chosen from pool of courses. The course may be specific / specialized / supportive or advanced to the discipline of study.

Generic Elective Course add generic proficiency to the students and they are for the said discipline of study

Open Elective courses are from the pool of courses that are interdisciplinary and or multidisciplinary.

FOUNDATION COURSE

Compulsory Foundation Course add generic proficiency to the students belonging to all disciplines of study.

Elective Foundation Courses are value based and aimed at man making education.

- a. A module means a course having independent entity.
- b. 'Unit' means a course having independent part in a course.
- c. "Credit" means the unit by which the course work is measured. It defines the quantum of contents/syllabus prescribed for the course. It also determines the number of hours of instructions required per week. In these regulations one credit means one hour of direct teaching work or two hours of practical work/field work per week for 20 weeks in a semester.
- d. "Grade Letter" is an index to indicate the performance of student in a particular course. It is arrived at by transformation of actual marks secured by a student in a said course. Grade letters are O,A,B,C,D,E,F.
- e. "Grade Point" is the weightage allotted to each grade letter depending on the range of marks awarded in a course.
- f. "Credit Points" refers to the product of "Number of credit assigned to the course" and the grade point secured for the same course.
- g. "Semester Grade Point Average" (SGPA) is an index of a student's performance in a given semester. It is the ratio of the "Total credit points earned by students in all courses at the semester" and the "Total number of credit assigned to the courses" in the semester.
- h. "Cumulative Grade Point Average" (CGPA) refers to the cumulative grade point average of SGPA and is computed based on the following formula.

$$\text{CGPA} = \frac{\text{Sum of all Credit Points of Entire Programme}}{\text{Sum of Credits up to the end of Programme.}}$$

Credit Framework for Normal under Graduate Level Course:

The normal graduation programme have 20 credits per each course and per semester making total credits for whole programme as 80. The distribution of credits or weightage of core, elective and Foundation courses may be as follows:

Distribution of Credits for Semesster is Follows				
Semester	I	II	III	IV
Credits	20	20	20	20

Credit and Teaching Hours.

1 Credit = 1 hour Teaching

1 Credit = 2 hour of Practical / Fieldwork

4 Credit Course needs four hour Student Teacher contact in a week.

Units and Course : A theory course shall have Four units.

Credits and Marks

1 Credit = 25 marks


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Grading

Grade Points	Description	% of Marks	Division	Grade
10	Outstanding	90% - 99%	First	O
9	Excellent	80% - 89%	First	A
8	Very Good	70% - 79%	First	B
7	Good	60% - 69%	First	C
6	Fair	50% - 59%	Second	D
5	Average	40% - 49%	Pass	E
4	Dropped	Below 40%	Fail	F

Performance Evaluation

(Calculation) $SGPA = ECG/EC$

for a Semester

G is grade and C is Credit of Course.

Cummulative Grade Point Average (CGPA) for entire course

$CGPA = ECG/EC$ for all semester taken together.

The total credits cover the core, elective, field work or extension activities, soft skills etc. GPA is calculated at the end of each term after grades have been processed and after any grade has been updated or changed.

Some criteria are to be followed for individual assignment / Quizzes/ Test/ Unit Test/ Tutorials/ Practical/ Projects/ Seminar.

The teacher should convert his/her marking in to the quality points and letter grade.

Year End Credit Requirement-

A candidate must clear at least 50% of total credits in the first -year (semester I and II Combined) to be promoted to the second year (Semester III). If this criterion is not met, all first-year credits must be cleared as a regular student to move forward.

Clearance of Odd and Even Semester Credits:-

If candidate fails to clear all credits in an odd semester (Semester-I or III) but Clears all credits in the corresponding ebeb semester (Semester II or IV), they must clear the remaining credits as a regular student in the following odd semester. The same rule applies if a candidate clears all credits in odd semester but fails in the following even semester, they must clear these remaining credits as a regular student in the following even semester.

Combined Credit Clearance for Promotion:

Candidate failing to clear 50% of the combined credits for Semester I and II may not be promoted to Semester III.

Clearing Backlogs in Subsequent Semester:

If promoted to Semester III with remaining credits from Semester I and II, the candidate shall be BACK PROMOTED and He/She shall:

- I. Clear remaining Semester I Credits in Semester III.
- II. Clear remaining Semester II Credits in Semester IV.

Maximum Attempts:

Candidate will be provided a maximum of three attempts to clear each paper:

- Odd semester papers must be cleared by the end of Semester III or in next odd semester if necessary.
- Even semester papers must be cleared by the end of Semester IV or in next even semester if necessary.

SCHEME OF EXAMINATION:

Hindi/English shall be medium of instruction of examination. Examination shall be conducted at the end of each semester as per the academic/examination calendar notified by the Institute.

Each theory paper will be valued as per marks division given in the prospectus which will include semester end theory exam. Practical (wherever applicable) and continuous internal assessment (CIA).

CIA will include the following components:

Class Tests	15 marks
Assignments	15 marks
Total	30 marks

For B.Ed students to pass a semester, a student has to secure a minimum of 40% marks in aggregate and *minimum of 40% marks in individual theory paper and Internal Separately.*

A. For Theory Papers:

Candidate who fail in not more than 50% theory papers but secure at least 40% aggregate marks across the remaining theory papers may reappear for the failed paper in the next corresponding semester (Odd or Even).

B. For Practice of Teaching Examination

Candidates who fail or are absent in the Practice of Teaching Examination but achieve at least 40% aggregate marks across theory papers in Semester I may reappear for the Practice of Teaching Examination in Semester III. Similarly, candidates who fail or are absent in the Practice of Teaching Examination but secure at least 40% aggregate marks across theory papers in Semester III may reappear for the practice of Teaching Examination in next odd semester along with the Practice of Teaching Examination of next odd semester.

Question Papers:

- Each question paper of 70 marks will have 3 Sections. **Section- A** will contain 10 Short type questions, candidate will be required to attempt all questions each carrying 01 mark. There will be two questions from each unit and the remaining two questions will be from any two of the four units. **Section -B** will contain short answer type 08 questions, out of which the candidate will be required to attempt any 05 questions each carrying 06 marks and the answer word limit for each question will be 200 words. Section-B will have two questions from each unit. **Section -C** will contain Essay type two questions with an internal choice for each question. Essay type questions will carry 15 marks each and

answer word limit for each question will be 500 words. This section will have one question from each unit.

2. *EPC-III, question paper of 50 Marks will be of objective type., containing 100 questions each carrying 0.5 Mark.*

ORGANIZATION EVALUATION OF PRACTICE TEACHING:

1. Every Candidate will teach at least 40 Lesson (20 in Semester -II and 20 in Semester IV) During intership in school, at least 10 lessons in each subject should be supervised by the school subject teacher.
2. 40 (20+20) Lessons as desired in syllabus should be completed as full period class room lesson. Micro Teaching Lesson to be used in addition to those 40 lessons for developing certain teaching skills.
3. The internal assessment in practice of teaching will be finalized by the Principal with help of Members of the teaching staff and the same will be communicated to the university before the commencement of the practical semester II & IV.
4. At B.Ed. Semester-II & IV each candidate should be Prepared to teach one lesson at final practice examination.

The practical work (internship Records, Sessonal Dairies, and mid-term answer sheets) shall be properly maintained by the college and may be made available for work satisfaction of external examiner in school internship (practice Teaching), those are expected to submit a report regarding this separatly.

Evaluation:

Final Lesson-The board of examination will consist of:

- a) The Principal of the college concerened
- b) A principal or a senior and experienced member of the teaching staff of another training
- c) college, affiliated to PDSU, Sikar
- d) An external examiner from outside the PDSU, Sikar or a senior member of the teaching
- e) staff of an affiliated training college.
- f) The board as for as possible will represent social science, Language and science.

EPC Evaluation Panel:

Theory/Practical and viva-voce Examination Panel will be:

- a. Principal of the college.
- b. Interl Subject Expert/ Teacher

SCHOOL INTERNSHIP

As the title suggests, in this component of the programme, the student-teacher are actually placed in a school for a duration of four and sixteen week, in two time slots. Initially, they will be attached to particular school for four weeks as 'school attachment'. A time gap after this school attachment will provide opportunity to student teacher to share experiences, reflect, clarify several things with teacher educators and internalize them. After about four weeks, they will go for 'school placement' of sixteen weeks. During this period, their role in the school is something like an 'apprentice' and its specific contours need to be worked out by course faculty.

They will be engaged in the school functioning in all its aspects.

Main Objectivesv for Internship

- Student teacher will be enable to reflect on their practice, and learn to adapt and modify their visualization/implementation towards betterment of student learning involve in various school activities and processes in order to gain a 'feel' of the multiple roles of a teacher.
- Develop understanding of the 'school culture' and learn to reflect upon, consolidate and share their school experiences; and to recognize one's own development as a teacher.
- To developing capacities to think with educational theories and applying concept in concrete learning situations, managing classroom learning, evaluation learners and providing feedback, learning to work with colleagues, reflecting on one's own professional practice are drawn upon to provide appropriate learning experiences for the student teacher that is critical to the education of teachers.
- To undertake responsibility for planning and implementation of learning situations for specific units of study, in the context of their school.

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BACHELOR OF EDUCATION (B.ED.)
DISTRIBUTION OF PAPERS, MARKS AND CREDITS
(SEMESTER- I)

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Mini. Pass Mark		Total
						Internal Assessment	External Assessment	
24BECG8101T	Childhood and Growing up	CC	4	30	70	12	28	100
24BECI8102T	Contemporary India and Education	CC	4	30	70	12	28	100
24BELT8103T	Learning and Teaching	CC	4	30	70	12	28	100
24BELA8104T	Language Across the Curriculum	CC	4	30	70	12	28	100
24BERR8105T	Reading and Reflecting on Texts (EPC)	CC	2	15	35	6	14	50
24BEPW8106I	Practical Work	CC	2	50	--	25	--	50
		Total	20					500

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(SEMESTER -II)

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Mini. Pass Mark		Total
						Internal Assessment	External Assessment	
24BEKC8201T	Knowledge and Curriculum -A	Any One CC	2	15	35	6	14	50
24BEKC8202T	Knowledge and Curriculum -B							
24BEUD8203T	Understanding Disciplines and Subject	CC	2	15	35	6	14	50
24BEHI8204T	Hindi	CE	4	30	70	12	28	100
24BEEN8205T	English							
24BESA8206T	Sanskrit							
24BEUR8207T	Urdu							
24BEHT8208T	History							
24BECI8209T	Civics							
24BESS8210T	Social Studies							
24BEEC8211T	Economics							
24BEGE8212T	Geography							
24BEHS8213T	Home Science							
24BECH8214T	Chemistry							
24BEPH8215T	Physics							
24BEMH8216T	Mathematics							
24BEGS8217T	Genral Science							
24BEBI8218T	Biology							
24BECP8219T	Commerce							
24BEBK8220T	Book Keeping							
24BEDP8221T	Drawing and Painting							
24BEMU8222T	Music							
24BEEM8223T	Education System in india and School Management	CC	4	30	70	12	28	100
24BEOA8224I	Open AIR/SUPW CAMP	CC	2	50	--	25	--	50
24BESI8225I	School Internship (4Weeks)	CC	2	50	--	25	--	50
24BEEA8226P	External Assessment (One Final Lesson)	CC	4	--	100	--	50	100
		Total	20					

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
(SEMESTER- III)

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Mini. Pass Mark		Total
						Internal Assessment	External Assessment	
24BEPS8301T	Philosophical and Sociological Perspectives of Education	CC	4	30	70	12	28	100
24BEGS8302T	Gender, School and Society	CC	2	15	35	6	14	50
24BEAL8303T	Assesment for Learning	CC	4	30	70	12	28	100
24BECI8304T	Creating an Inclusive school	CC	2	15	35	6	14	50
24BEDA8305T	Drama and Arts in Education (EPC)	CC	2	15	--	6	14	50
24BECU8306T	Critical understanding of ICT (EPC-III)	FC	4	50	50	25	18	100
24BEPW8307I	Practical Work	CC	2	50	--	25	--	50
		Total	20					500

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SEMESTER -IV)

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Mini. Pass Mark		Total
						Internal Assessment	External Assessment	
24BEHI8401T	Hindi	Pedagogy of School subject (Any One) CE	4	30	70	12	28	100
24BEEN8402T	English							
24BESA8403T	Sanskrit							
24BEUR8404T	Urdu							
24BEHT8405T	History							
24BECI8406T	Civics							
24BESS8407T	Social Studies							
24BEEC8408T	Economics							
24BEGE8409T	Geography							
24BEHS8410T	Home Science							
24BECH8411T	Chemistry							
24BEPH8412	Physics							
24BEMH8413T	Mathematics							
24BEGS8414T	Genral Science							
24BEBI8415T	Biology							
24BECP8416T	Commerce Practice							
24BEBK8417T	Book Keeping							
24BEDP8418T	Drawing and Painting							
24BEMU8419T	Music							
24BEUS8420T	Understanding the Self (EPC)	CC	2	15	35	6	14	50
24BETE8421T	Teacher Education	Optional Special Course (Any one) CE	4	30	70	12	28	100
24BEPE8422T	Physical Education & yoga							
24BEGC8423T	Guidance and Counseling							
24BEVE8424T	Value Education							
24BEEE8425T	Environmental Education							
24BESI8426I	School Internship (16 Weeks)	CC	4	100	--	50	--	100
24BEPW8427I	Practical Work	CC	2	50	--	25	--	50
24BEEA8428P	External Assessment (One Final Lesson) University	CC	4	--	100	--	50	100
		Total	20					500


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SEMESTER

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SEMESTER - I

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BECG8101T	Childhood and Growing Up	CC	4	30	70	100

Objectives:

- Teacher trainees can aware about concept, methods & applications of educational psychology.
- To aware the trainees about concept and developmental dimensions of childhood. Trainees got informed about imagination, creativity & interests at school level.
- To know the related problems of adolescence & remedies through guidance & counselling services.
- To aware about the process of human developmen
- To build sensitivity towards childrens' needs and capabilities within their socio- cultural context

Course contents:

Unit-I Educational Psychology and Development:

- Educational Psychology: Concept, methods & applications
- Implications of educational psychology for a teacher, curriculum, class-room situations and learner development
- Indian psychology: concept and its implication
- Growth & development of the learner: concept, stages, principles, dimensions, factions in influencing development –
- Piaget's vgotsky cognitive development
- Erikson's psycho – social development
- Kohalberg's moral development

Unit-II Childhood And Its Development:

- Its concept & characteristics
- Physical, mental, emotional, social & moral development dimensions to fostering imagination, memory & creativity activities for personality development
- Language development
- Influence of environment and heredity on development

Unit-III Adolescence And Its Development:

- Its meaning & characteristics
- Physical, emotional, social, spiritual & moral development fostering thinking, reasoning & problem-solving abilities activities for personality development
- Related problems & remedies
- Guidance & counselling services in schools

Unit-IV Learner:

Psychological dimensions & new trend

- Personality: concept, types & theories of personality with special reference to Cattell, Allport, Psycho analytical theory, assessment of personality.
- Intelligence- meaning, process, theories & types of intelligence (artificial, emotional and multiple intelligence)
- Adjustment: concept, process, defense mechanism, life skolls for stress management dealing with child

abuse and child exploitation, mental health and hygiene.

Assignment & Practical Work: (Any Two)

- Prepare a short term project to enhance Imagination, Creativity and Memory for school level students Prepare administer and intercept a Case study/ Questionnaire related to problems of adolescence.
- One assignment Work-related to topics in above unit.
- Organize various Guidance and Consoling campaign for secondary level students.
- Administer, Score and intercept a standardized psychological test related to personality/ Intelligence/ Creativity/ Mental Health/ Adjustment.
- Prepare a Survey report related to various psychological dimension problems and related
- Remedies for School Students.

Learning Outcomes:

After Completion of this Course Students Would able to:

- Utilize the knowledge of Educational Psychology for school education. Apply the concept of Growth & Development in teaching field.
- Plan various activities to fostering imagination, creativity & interests at school level.
- Know about various aspects related to Cognitive, Emotional & Social development of learner.
- Diagnose related problems of Adolescence & remedies through Guidance & Counseling services

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SEMESTER- I

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BECI8102T	Contemporary India and Education	CC	4	30	70	100

Objectives:

- To know the concept and nature of Educaiton.
- To know the social mobility and social skill.
- To understand the various committee and commission.
- To educate about the recent policies of Education.

Course Contents:

Unit-I Concept And Nature Of Education:

- Education : Concept, Nature, Objectives and Functions
- Role and problems of education in nation building
- Current educational provisions of education in India (One year)
- Educational thoughts of Indians thinkers (Vivekanand and Mahatma Gandhi)

Unit-II Social Aspects Of Education:

- Sociology in education : Concept, Functions and Contribution
- Social change : Meaning, Definition, Factors and Effects of Education
- Social mobility Education and culture
- Role of education in development of social skills.

Unit-III Progressive Development Of Education In Terms Of Commissions And Committees:

- Characteristics of Ancient, Medieval and British Period of Education.
- Radhakrishna Commission of Education (1948).
- Mudaliyer Commission of Education (1952).
- Kothari Commission of Education(1964).
- National education policy (1968 and 1986).
- Revised national education policy (1992).

Unit: IV Programmes For Education

- Issues and problems in prevailing education system at National and State level Right to Education Act 2009
- Sarva Shiksha Abhiyan and Mid day Meal Programme, Rashtriya Madhyamik Shiksha Abhiyan
- Education as related to social equity and equality of educational opportunities

Assignment & Practical Works: (Any Two)

- Write the educational contribution of Any one Indian Thinker.
- Prepare a Assignment Work on how we can inculcate values in the present system of education.
- Prepare a structure of education since ancient period to present time.
- Concept of education in Emerging Indian Society as relevant to school children's Development of moral attitude through self management.

Learning Outcomes:

After completion of this course students would be able to:

- Know social aspects of education and develop educational perspective.
- Solve prevailing problems of education in India.
- Understand the purpose, function and Role of education in nation building.
- Understand knowledge of the Indian education system as it has evolved from the past, as it is today.
- Understand the concept, principle of sustainable development and core concept of educational thinkers.
- Know social equity and equality of educational opportunities.

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SEMESTER-I

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BELT8103T	Learning and Teaching	CC	4	30	70	100

Objectives:

- To acquire the basic knowledge of learning and Teaching. To understand the implications of education.
- To develop various methods of teaching.
- To understand the various application of education.

Course Contents:

Unit -I basics of learning:

- Learning : Concept, Nature and Characteristic
- Factors Affecting Learning
- Laws and Types of Learning Cognitive Learning- Peaget, Bruner Transfer of Learning

Unit-II : Theories of Learning and their Educational Implications:

- Trial and Error theory.
- Classical conditioning theory.

- Operant conditioning theory Insight theory of Learning
- Social Learning theory (Bandura).

Unit-III Learning and Teaching:

- Teaching : concept, Nature and characteristics
- Variables of Teaching and their functions
- Factors Affecting Teaching and Teaching process
- Relationship between teaching and Learning
- Instruction objectives in terms of bloom's taxonomy.

Unit-IV Theories and Application of Teaching:

- Levels of Teaching - memory, understanding and Reflective,
- Teaching theories-concept, need, types and utility.
- Analyzing Teaching in Diverse classrooms.
- Teaching as a complex activity Teaching as a profession.

Assignment & Practical Works: (Any Two).

- One Assignment Work on any topic related with above Unit.
- One Practical Work on any topic related with above Unit.

Learning Outcomes: After completion of this course students would able to:

- Acquire knowledge and understanding of learning and Teaching. Understand the theories of learning.
- Develop the skill of active engagement of students in teaching learning activity.
- Investigate differences and connections between learning in school and learning outside school.
- Inculcate the knowledge of teaching and its process. Understand learners, learning process and school.

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SEMESTER - I

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BELA8104T	Language Across The Curriculum	CC	4	30	70	100

Objectives:

- To understand the various mode of language like reading, writing, speaking and listening.
- To develop the skill of oral and written language.
- To acquainte with the idea of composition and art of writing i.e. letter, paragraph, application etc.
- To develop the Vocabulary Building and Language Problems & its Remedies To develop the vocabulary and language proficiency and related remedies.

Course Contents:

Unit -I Language acquisition and development:

- Language : Concept, Meaning and Nature
- Language usages : Written, Oral, Role Playing with Communication
- Language Policy : First (Mother tongue) Second (Foreign language)
- Third (Religious or classical language)
- Language development : From childhood to Adult stages

Unit -II Language Skills:

- Reading : Silent reading vs Rapid reading, News Paper, Journal, Books Narrative Text vs. Expository text
- LSRW (Listening, Speaking, Reading, Writing)
- Note making and creative writing (Essay, Application, Letter, Paragraph).

Unit -III Language & Classroom Interaction:

- Expression : Public Speech, Lecture,
- Debating Multilingualism in classroom
- Summarizing and Reflection
- Errors and Correction of Language in class.

Unit-IV Vocabulary Building and Language Problems & its Remedies:

- New Structure and building of vocabulary
- Learning new vocabulary and Diagnostic
- Language Errors Language Phonemes & Identification of Sound Errors Remedial Programme for Language Development.

Assignment & Practical Works: (Any Two):

- Write Any one Assignment Work
- Identify speech defect in classroom teaching
- Prepare a Report on Creative Writing
- Prepare a C.D. on communication (30 minutes)
- Any other assignment suggested by the subject teacher.

Learning Outcomes:

After completion of this course students would able to:

- Understand the nature and use of language.
- Develop the idea of Multilingualism in class room teaching. Create the sense of language and its flavor.
- Inculcate language skills among trainees. Evaluate skills creative writing and expression.
- Acquire the idea of composition and art of writing i.e. letter, Paragraph, application etc. Develop ornamental use of vocabulary in different curriculum.

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SEMESTER- I

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BERR8105T	Reading & Reflecting on Texts (EPC)	CC	2	15	35	50

Objectives:

- To develop basic Communication Skills.
- To promote Creative Writing among students.
- To acquire the knowledge of art of Speaking.

Course Contents:

Unit- I Reading Comprehension:

- Explain with stage of any self expression of any one guest.
- Enlist errors in reading among school students.

- Review of any one books with reading.

Write the educational essence of any five stories and morale thought with reading.

Unit- II Writing composition & Action Plan

- Recite 10 poem / verse/ stanza and write it. Prepare an action plan and organize accordingly, Proof reading.
- Prepare list of innovative vocabulary for speaking. (50 words).

Unit- III Engaging with Journalistic and Educational Writing.

- The selected texts would include newspaper or magazine articles on topics of contemporary
- Interest student teachers can be grouped randomly
- Selected texts here could be drawn from the wide range of popular educational writing in the form of well – written essays extracts or chapters from authors who deal with themes from
- education schooling, teaching or learning.

Unit- IV Engaging with narrative and Descriptive account and expository writing.

- The selected texts could include stories of chapters from fiction, Dramatic incidents, vivid descriptive
- Accounts or even well produced comic strip stories.
- The selected texts could include articles, biographical writing or extracts from popular non fiction
- writing with themes that are drawn from the subject areas of the students teachers (various, science, mathematics, history, geography, literature/language pices) for this unit.
- The student teachers could work in groups divided according to their subjects within which different texts
- could be read by different pairs of students teachers.

Learning Outcomes:

After completion of this course students would able to:

- Understand Communication Skills. Promote Creative Writing among students Explain the art of speaking

Assignment & Practical Works: (Any Two)

- One Assignment Work on any topic related to above units.
- Prepare a plan and organize any two activities related to above units. Demonstrate different type of speaking.
- identify the causes of ineffective speech and remedies for it.

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B.ED. SEMESTER - I
PRACTICAL WORK

24BEPW8106I	Practical Work	CC	2	50	00	25	--	50
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SN	PRACTICAL WORK	MAXIMUM MARK
1	Micro Teaching	10 Marks
2	Demonstration Lesson	10 Marks
3	Psychosocial Test (Five Test)	10 Marks
4	Unit Plan	05 Marks
5	Blue Print	05 Marks
6	Digital Lesson Plan (Each Method)	10 Marks
Total		50 Marks

Guidelines for the Practical Work:

- **Micro Teaching (any Five Skills)**
 1. Skill of Introduction
 2. Skill of Questioning
 3. Skill of Exemplifying
 4. Stimulus-Variation Skill
 5. Black-Board Writing Skill
 6. Reinforcement Skill
 7. Interoretation Skill
 8. Probing Questioning Skill

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEKC8201T	Knowledge and Curriculum (part-A)	CC (Any one)	2	15	35	50
24BEKC8202T	Knowledge and Curriculum (part-B)					

24BEKC8201T : Knowledge and Curriculum (part-A)

Objectives:

- To know the concept objective and principles of curriculum.
- To develop the idea and bases of curriculum.
- To understand various types of curriculum.

Course Contents:

Unit- I Knowledge and Curriculum Concept:

- Knowledge : Concepts, Characteristics, Sources of Acquiring, Methods of Acquiring Curriculum: Meaning, Definition, Characteristics, Aims Importance
- Difference between old and new concepts of curriculum Principle of curriculum construction and Knowledge.

Unit- II Basis of Curriculum:

- Sociological basis
- Scientific basis
- Philosophical basis
- Psychological basis

Unit- III Types of Curriculum:

- Activity centered and life centered curriculum.
- Subject centered and core centered
- Experience centered and work based curriculum
- Hidden Curriculum

Unit- IV National Curriculum:

- Concept and Characteristics of National curriculum
- Curriculum reform in India
- NCF-2005 (School education)
- NCFTE-2009(Teacher education)

Assignment & Practical Works: (Any Two):

- One Assignment Work on the topic related with the unit. Preparation of any one Assignment Work on Curriculum.
- Review of present curriculum (Optional subject related) Curriculum framework for 10th class

Learning Outcomes:

After completion of this course students would able to:

- Understand the concept, objective and principles of curriculum.

- Develop the idea and bases of curriculum.
- Evaluate the relevancy of curriculum.
- Describe various approaches to curriculum construction.

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12. गली, अंजारी रोड, दरियागंज, नई दिल्ली-110002
13. रावत, प्यारेलाल, प्राचीन एवं आधुनिक भारतीय शिक्षा का इतिहास भारत पब्लिकेशन, आगरा
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17. National Curriculum Frame work NCFTE (2009), for Teacher Education, NCTE, New Delhi
18. National Curriculum Frame work NCF (2005), for Scholl Education, NCTE, New Delhi

24BEKC8202T: Knowledge and Curriculum (part-B)

Objectives:

- To develop ideas of philosophical basis of curriculum
- To various Sociological basis of curriculum
- To develop various psychological basis of curriculum
- To develop Educational New Trends of curriculum

Course Contents:

Unit- I Philosophical Basis Of Curriculum Development:

- Idealism, Naturalism, Pragmatism and curriculum
- Jain philosophy , Geeta Philosophy , Buddhism Philosophy and curriculum
- M. K. Gandhi, Vivekanand , R. N. Tagore and curriculum

Unit- II Sociological Basis of Curriculum Development:

- Social change and curriculum
- Social Mobility and curriculum
- Social development and curriculum
- Culture and curriculum

Unit- III Psychological Basis of Curriculum Development:

- Structrualism and curriculum
- Behaviourism and curriculum
- Associationism and curriculum
- Gestaltism and curriculum

Unit- IV Educational New Trends of Curriculum:

- Skill and curriculum
- Values and curriculum
- NCF-2005(School Education)
- NCFTE-2009(teacher Education)

Assignment & Practical Works: (Any Two)

- Preparation of One Assignment Work.
- One abstracts of Educational New trends article published in some standard Journals Preparation of curriculum Design (any subject related)
- Curriculum frame work for B.Ed. programmed.

Learning Outcomes:

After completion of this course students would able to:

- Describe various philosophical bases of curriculum
- Understand various Sociological bases of curriculum
- Acquire various psychological bases of curriculum
- Develop Educational New Trends of curriculum.

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SEMESTER – II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEUD8203T	Understanding Discipline and Subjects	CC	2	15	35	50

OBJECTIVES:

- To make aware the students about the diciplines and its characteristics. To give Introduction of Kalidas, Tulsidas and Shakespeare
- To understand the scientific idea of science education.
- To apply the thought of social science language in their day to day life.

Course Contents:

Unit- I Language and Disciplines:

- Meaning of discipline
- Characteristics of a discipline
- Inter- disciplinary approach

Unit- II Language and Disciplines:

- History of language development (Hindi, Sanskrit and English)
- Language technology
- Language lab
- Phonetics science
- Introduction of Kalidas, Tulsidas and Shakespeare

Unit- III Social Science and Discipline:

- History and game cricket
- History of woman empowerment
- New trends cultural in society
- Political socialization
- Article of democratic problems (Terrorism, corruption &kola-Brokers)

Unit- IV Science and Disciplines:

- Life sketch of scientists (Dalton, Rutherford, Newton, Mendal and Homi Jahangir Bhabha)
- Science and sound
- Nutrition and balanced diet
- Human diseases
- Electricity and light

Assignment & Practical Works: (Any Two):

- Write Any one Assignment Work
- Write a short note on Importance of Language in teacher.
- Read and review an article.
- Prepare a report on creative writing.

Learning Outcomes:

After completion of this course students would able to:

- Understand language of various discipline.
- Develop expression of various language areas.
- Acquire scientific study of language phonetics.
- Know the scientific idea of science education.
- Apply the thought of social science language in their day today life.
- Develop interdisciplinary approach of language (Hindi/Sanskrit/English).

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4. विज्ञान पाठ्यपुस्तक कक्षा 9 से 12 तक, माध्यमिक शिक्षा बोर्ड राजस्थान, अजमेर (2014)
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SEMESTER-II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEHI8204T	Hindi	Pedagogy Of A School Subject	4	30	70	100

OBJECTIVES:

- भाषा सरचना में हिन्दी भाषा तत्वों का ज्ञान प्रदान करना।
- श्रवण, भाषण, वाचन एवं लेखन सम्बन्धी भाषायी कौशलों का ज्ञान देना।
- मध्यमिक स्तर के निर्धारित पाठ्यक्रम एवं पाठ्यपुस्तक का विश्लेषण समीक्षा एवं कुशलता का विकास कराना।
- ईकाई, दैनिक व सूक्ष्म पाठ योजनाओं के महत्त्व से अवगत कराना व निर्माण का ज्ञान कराना।
- हिन्दी भाषा के वैज्ञानिक स्वरूपों और कौशलों का ज्ञान कराना।
- हिन्दी भाषा की विभिन्न विधाओं एवं उनके व्यावहारिक शिक्षण पाठ योजनाओं का ज्ञान कराना।
- प्रश्न पत्र के निर्माण का ज्ञान देना।
- निदानात्मक एवं उपचारात्मक परीक्षण स्वरूप, महत्त्व एवं उपयोग का ज्ञान देना।
- मातृभाषा एवं राष्ट्रभाषा के रूप में हिन्दी की स्थिति से अवगत कराना।

विषय वस्तु :

इकाई : प्रथम – भाषा के विविध स्वरूप एवं सामान्य अवबोध

- (अ) मातृभाषा, राष्ट्रभाषा के रूप में हिन्दी शिक्षण की स्थिति
- (ब) मातृभाषा शिक्षण के उद्देश्य एवं सिद्धान्त
- (स) हिन्दी शिक्षण में पुस्तकालय एवं वाचनालय का महत्त्व
- (द) पाठ्यपुस्तक का अर्थ, परिभाषा, अच्छी पाठ्यपुस्तक के गुण-दोष

इकाई : द्वितीय – भाषा का वैज्ञानिक स्वरूप तथा कौशलों के विकास हेतु निम्नांकित पक्षों के स्वरूप का शिक्षण

- (अ) वर्ण विचार, शब्द विचार, वाक्य विचार
- (ब) श्रवण, उच्चारण एवं वर्तनी
- (स) वाचन (सस्वर एवं मौन वाचन),
- (द) अभिव्यक्ति (लिखित एवं मौखिक)

इकाई – तृतीय – हिन्दी शिक्षण में विभिन्न विधाओं का शिक्षण एवं मूल्यांकन

- (अ) गद्य शिक्षण, पद्य शिक्षण, व्याकरण शिक्षण
- (ब) रचना शिक्षण (पत्र, निबन्ध, कहानी)

- (स) विभिन्न विद्याओं पर पाठ योजना निर्माण
 (द) इकाई योजना एवं नील पत्र निर्माण
 (य) मूल्यांकन (सम्प्रत्यय, पाठान्तर्गत एवं पाठोपरान्त मूल्यांकन)
इकाई – चतुर्थ – हिन्दी शिक्षण की विभिन्न विधियों का अध्ययन
 (अ) अभिक्रमिit अनुदेशन विधि
 (ब) आगमन-निगमन विधि
 (स) दल शिक्षण
 (द) हरबर्टीय पद्धति
 (य) प्रायोजना विधि
 (र) पर्यवेक्षित तथा निर्देशित स्वाध्याय विधि

सत्रीय कार्य : (किसी दो विषय पर)

- भाषा शिक्षण सम्बन्धी समस्याओं का चयन तथा उसके समाधान का उपाय खोजना।
- हिन्दी शिक्षण में सत्रीय प्रपत्र अथवा प्रश्न पत्र हल करना।
- माध्यमिक स्तर की पाठ्यपुस्तक अथवा किन्हीं दो विशिष्ट लेखों की समीक्षा करना।
- किन्हीं पाँच विद्यार्थियों की लेखन सम्बन्धी अशुद्धियों का निदान एवं उपचार (कक्षा 8 से 10वीं)।
- हिन्दी विषय की किसी भी विद्या पर पी.पी.टी. पर पाठयोजना तैयार करवाना।

Learning Outcomes:

- भाषा संरचना में हिन्दी भाषा तत्त्वों का ज्ञान प्राप्त कर सकेंगे।
- श्रवण, भाषण, वाचन एवं लेखन सम्बन्धी भाषायी कौशलों को प्राप्त कर सकेंगे।
- माध्यमिक स्तर के निर्धारित पाठ्यक्रम एवं पाठ्यपुस्तक का विश्लेषण समीक्षा एवं कुशलता का विकास कर सकेंगे।
- इकाई, दैनिक व सूक्ष्म पाठ योजनाओं के महत्त्व से अवगत कराना व निर्माण का ज्ञान प्राप्त कर सकेंगे।
- हिन्दी भाषा के वैज्ञानिक स्वरूपों और कौशलों का ज्ञान प्राप्त कर सकेंगे।
- हिन्दी भाषा की विभिन्न विद्याओं एवं उनके व्यावहारिक शिक्षण पाठ योजनाओं का ज्ञान प्राप्त कर सकेंगे।
- प्रश्न पत्र के निर्माण का ज्ञान प्राप्त कर सकेंगे।
- निदानात्मक एवं उपचारात्मक परीक्षण स्वरूप, महत्त्व एवं उपयोग का ज्ञान प्राप्त कर सकेंगे।
- मातृभाषा एवं राष्ट्रभाषा के रूप में हिन्दी की स्थिति से अवगत हो सकेंगे।

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SEMESTER II

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BEEN8205T	English	Pedagogy Of A School Subject	4	30	70	100

OBJECTIVES:

- To know about various basics of grammar.
- To explain the place of English language in India.
- To describe English as a Second language in the multi -lingual country like India.
- To explain different methods of teaching English.
- To develop the lesson and its planning.
- To apply different teaching skills in the class room.

Course contents:

Unit- I Basic English Grammar & it's Application:

- Parts of speech sentence pattern,
- Types Tense and verb patterns Preposition
- Voice change

Unit - II Place, importance and objectives of English as a second language:

- Importance of English language: comprehension of English and mother tongue based learning. Position of English: Pre & Post Independence in India.
- Status of English in Indian school curriculum Second language
- First language

- English language teaching: problems & issues
- Library language
- Window on the world
- Medium of instruction
- Aims and objectives teaching English at different levels.

Unit- III Methods, Approaches and Strategies and Lesson Planning:

- Grammar-cum-Translation method
- Direct method , Audio- lingual and Bilingual method
- Structural approach and Communicative approach
- Collaborative learning and Dramatization.
- Unit plan and Micro plan, Lesson planning ,Blue print and Achievement test.

Unit- IV Developing Language skill and Lesson Planning:

- Teaching Prose, Poetry, Story and Grammar.
- Strategies of Teaching Skill: Listening, Reading, Speaking and Writing.
- Supplementary skills: Reference Skill (e.g. using Dictionaries, Thesaurus, and Encyclopedias) Concept Mapping

Assignment & Practical Works: (Any Two)

- List of structural items included in the text book at the secondary stage. Preparation of 5 word cards, 5 Picture cards and 5 puzzles.
- Enlist 50 innovative words with lexical interpretation. Prepare an audio/video recording for English Pronunciation

Learning Outcomes:

After completion of this course students would able to:

- Know about various basic application of grammar
- Explain the place of English language in India.
- Describe English as a Second language in the multi -lingual country like India. Explain different methods of teaching English.
- Apply different teaching skills in the class room.
- Lesson plan, micro lesson plan, TLM (Teaching Learning Materials) for teaching English as a second Language.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BESA8206T	Sanskrit	Pedagogy Of A School Subject	4	30	70	100

OBJECTIVES:

- माध्यमिक स्तर के शिक्षकों में संस्कृत भाषा संबंधी व्याकरण की जानकारी एवं उनके प्रयोग की दक्षता का विकास करना।
- तृतीय भाषा शिक्षण के आधारभूत सिद्धान्तों का विकास करना।
- संस्कृत शिक्षण के उद्देश्यों का निर्धारण एवं व्यावहारिक परिवर्तन हेतु प्रयास करना।
- संस्कृत भाषा के विभिन्न कौशलों का पृथक एवं समन्वित शिक्षण का विकास करना।
- विभिन्न विद्याओं के सफल अध्यापन हेतु विभिन्न विधियों का प्रयोग करना।
- संस्कृत भाषा शिक्षण में दृश्य-श्रव्य सामग्री का निर्माण एवं शिक्षण में प्रयोग करना।
- संस्कृत शिक्षण के मूल्यांकन हेतु प्रश्नपत्र निर्माण करना एवं कौशलाधारित परीक्षण करना।
- संस्कृत भाषायी दक्षता में होने वाली अशुद्धियों का कौशलानुसार निदान करना।

विषय वस्तु :

इकाई – प्रथम – संस्कृत शिक्षण के सिद्धान्त, कौशल व उद्देश्य

- (अ) संस्कृत भाषा शिक्षण का महत्त्व एवं उपयोगिता
- (ब) संस्कृत शिक्षण के सिद्धान्त एवं सूत्र
- (स) संस्कृत शिक्षण के उद्देश्य एवं अपेक्षित व्यवहारगत परिवर्तन
- (द) भाषायी कौशल शिक्षण – श्रवण, कथन, पठन एवं लेखन
- (य) संस्कृत शिक्षण में दृश्य-श्रव्य सामग्री

इकाई – द्वितीय – व्याकरण का सामान्य ज्ञान

- (अ) शब्द रूप – अकारान्त, इकारान्त, उकारान्त
- (ब) धातु रूप – भू, पठ्, हस्, पा, गम्, सेव्, कथ्, लभ् (लट्, लोट्, लङ्, लृट्, विधिलिङ्, लकारों में)
- (स) संधि –
 - अच् सन्धि – इकोयणचि, एचोऽयवायावः, अकः सवर्णे दीर्घः, आदगुणः वृद्धिरेचि
 - हल् सन्धि – स्तोः श्चुर्नाश्चुः, झलां जशोऽन्ते, यरोऽनुनासिको वा, तोर्लिः
 - विसर्ग सन्धि – ससजुषोरुः, हशि च, रो रि, विसर्जनीयस्य सः
- (द) समास – अवययीभाव समास, तत्पुरुष समास, कर्मधारय समास, द्विगु समास, द्वन्द्व समास, बहुब्रिहि समास, इनका सामान्य परिचय एवं समास विग्रह

इकाई – तृतीय – संस्कृत शिक्षण की विभिन्न विधाओं का अध्ययन एवं पाठयोजनाएँ

- (अ) गद्य शिक्षण
- (ब) पद्य शिक्षण
- (स) व्याकरण शिक्षण
- (द) रचना शिक्षण (पत्र, निबन्ध, कहानी)

इकाई – चतुर्थ – संस्कृत शिक्षण की विधियों का अध्ययन एवं मूल्यांकन

- (अ) संस्कृत शिक्षण की विधियों का अध्ययन

- प्रत्यक्ष विधि
- संग्रन्थन विधि
- आगमन निगमन विधि
- विश्लेषणात्मक विधि
- अनुवाद विधि/भण्डारकर विधि

(ब) इकाई योजना

(स) ब्लू प्रिंट एवं प्रश्न पत्र निर्माण

सत्रीय कार्य : (किसी दो विषय पर)

- माध्यमिक स्तर की संस्कृत पाठ्यपुस्तक की समीक्षा करना।
- किसी एक वर्ष का प्रश्नपत्र हल करना।
- किसी एक विद्या पर शैक्षिक पाठ्यक्रम का आलेखन।
- रचना पाठ के लिए पाँच चित्रों का निर्माण।
- उच्चारण सुधार हेतु पाँच अभ्यास तालिकाओं का निर्माण।
- संग्रन्थन विधि पर पाठयोजना तैयार करना।

Learning Outcomes:

- माध्यमिक स्तर के शिक्षकों में संस्कृत भाषा संबंधी व्याकरण की जानकारी एवं उनके प्रयोग की दक्षता का विकास कर सकेंगे।
- तृतीय भाषा शिक्षण के आधारभूत सिद्धान्तों का विकास कर सकेंगे।
- संस्कृत शिक्षण के उद्देश्यों का निर्धारण एवं व्यावहारिक परिवर्तन हेतु प्रयास कर सकेंगे।
- संस्कृत भाषा के विभिन्न कौशलों का पृथक एवं समन्वित शिक्षण का विकास कर सकेंगे।
- विभिन्न विद्याओं के सफल अध्यापन हेतु विभिन्न विधियों का प्रयोग कर सकेंगे।
- संस्कृत भाषा शिक्षण में श्रव्य-दृश्य सामग्री का निर्माण एवं शिक्षण में प्रयोग कर सकेंगे।
- संस्कृत शिक्षण के मूल्यांकन हेतु प्रश्नपत्र निर्माण करना एवं कौशलाधारित परीक्षण कर सकेंगे।
- संस्कृत भाषायी दक्षता में होने वाली अशुद्धियों का कौशलानुसार निदान कर सकेंगे।

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SEMESTER II

Course Code	Course Title	Category Category	Credit	C.I.A.	Theory	Total
24BEUR8207T	Urdu	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To enable the Pupil teacher to
- knowledge of mother tongue and to familiarize with the appropriate terminology.
- working knowledge of grammatical system in Urdu.
- write in an appropriate manner for a particular purpose with a particular audience in mind.
- teaching and principles of translation.
- observation and demonstration of teaching skills.
- writing habit and skill to explain various methods of writing and to expose their difference.
- awareness of formation of good sentences.
- awareness with the method of teaching language differently.

Course contents:

Unit-I: Role And Importance Of Urdu Language:

- Nature of Urdu Language
- Urdu as language of knowledge
- Urdu as a first, second and third language
- Urdu as Mother tongue and school language, Importance of Urdu language in curriculum.

Unit-II: Aims And Objectives Of Urdu Language Pedagogy:

- Aims and objectives of pedagogy of Urdu Language at different levels.
- difference between Urdu language as a school subject and language as a medium of instruction and communication,
- Methods of Urdu Language Teaching; Grammar cum translation method, Direct method, Natural method, Communicative approach
- General Principles and maxims of Urdu teaching.

Unit-III: Lesson Planning And Its Teaching-Learning Materials:

- Lesson planning- : Basic elements, characteristics, approaches (Herbartian, R .C.E.M, BLOOMS, N.C.E.R.T) and significance. Year and Unit planning in Urdu teaching.
- Lesson plan of Prose, Poetry and Grammar in Urdu teaching.
- Micro teaching skills.
- Audio-visual aids and their importance in Urdu teaching and co-curricular activities.

Unit-IV Assessment & Evaluation:

- Development of following linguistic skills: Listening and understanding, Speaking, Reading, Writing in Urdu language
- Evaluation of integrated lesson plan in Urdu language
- Purpose, Types, Characteristics, Techniques and Tools of Evaluation, (CCE, Grading system, CBCS) Construction of Achievement test in Urdu language
- Diagnostic Evaluation, Remedial teaching in Urdu language.
- Learning outcomes: The Pupil teachers will be able to:

- Understand the need and importance of Urdu Language
- Develop proficiency in the Urdu Language
- Be Familiar with the psycholinguistics and sociolinguistics aspects of Urdu Language
- Use technology to enrich Urdu Language Teaching
- Be aware of the pedagogical practices required for teaching Urdu as Language
- Encourage continuous professional development in Urdu Language
- Develop an appreciation the role of Urdu Language in both academic and Social Life.

Assignment & Practical Works: (Any Two)

- List of structural items included in the text book at the secondary stage. Preparation of 5 word cards, 5 Picture cards and 5 puzzles.
- Enlist 50 innovative words with lexical interpretation. Prepare an audio/video recording for Urdu Pronunciation

Learning Outcomes:

After completion of this course students would able to:

- Know about various basic application of grammar
- Explain the place of Urdu language in India.
- Describe Urdu as a Second language in the multi -lingual country like India. Explain different methods of teaching in Urdu.
- Apply different teaching skills in the class room.
- Lesson plan, micro lesson plan, TLM (Teaching Learning Materials) for teaching Urdu as a second Language.

Suggested Readings:

1. Teaching of Urdu; Saleem Farani
2. Method of Teaching Urdu; Fakhrul Hasan
3. How to Teach Urdu; Moulvi Salim Abdullah
4. How to write Urdu; Rasheed Hasan Khan
5. Poetry and Teaching of Poetry; Akhtar Anshari
6. Teaching of Language; Moulvi Abdul Hai
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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEHT8208T	History	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To understand the aim and objectives of teaching history at different levels of the secondary stage. To apply different approach to organize history
- To understand the types of evaluation of teaching history
- To develop classroom skills to apply different methods and approaches of teaching history at the secondary stage.
- To develop the skill to plan for instruction and the instructional support materials.
- To develop the skill related to diagnostic testing and remedial teaching.

Course Contents:

Unit- I Meaning, Nature and Curriculum of Teaching History:

- Concept and Objective of Teaching History of the Secondary Stage.
- Correlation of History with other school subject.
- Principle of Curriculum Teaching History.
- Different Approach to Organizing History Curriculum, Chronological , Biographical, Topical Concentric.,

Unit- II Methods and planning in Teaching History:

- Lesson plan and Unit plan
- Story Telling, Biographical, Source, Time-line, Supervised, and Project Method
- History Teacher-professional growth in change's
- Teaching Aids- meaning, Type's and importance

Unit- III Evaluation of Teaching History:

- Concept of Evaluation
- Purpose of Evaluation in Teaching History
- Types of Evaluation (Essay Types, short Answer Types and Objective Types)
- Blue-Print & Construction of Achievement Test in History

Unit- IV Innovative Methods in Teaching History:

- Programmed instruction method.
- Team-Teaching
- Panel discussion
- Field trip

Assignment & Practical Works: (Any Two):

- Historical study of a place of Local Important
- An Essay on any current Issue
- Critical Appraisal of any of the History Text books Prescribed for the Secondary level
Preparing a Scrap-book on Any one aspect of History and Culture

- Report writing of a freedom fighter/Social work and the Historical Personality of 20th Century at your locality based on interview.

One Assignment Work on any topic related with above Unit

Learning Outcomes:

After completion of this course students would able to:

- Understand the nature, scope and importance of learning history at secondary.
- Explain aim and objectives of teaching history at different levels of the secondary stage.
- Develop knowledge about the basic principles governing the construction of history curriculum and develop the ability history curriculum
- Organize Co-curricular activities and community resources for promoting history learning.
- Develop classroom skills needs for applying different methods and approaches of teaching history at the secondary stage.
- Understand the skill to plan for instruction and the instructional support , materials.
- Develop the skill needed for diagnostic testing and remedial teaching.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BECI8209T	Civics	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To explain the role of civics to promote International Understanding.
- To understand Planning-Annual Plan, Unit Plan, & Daily Lesson Plan.
- To prepare different methods of teaching civics
- To apply various Fndamental Principal of Formulation Curriculum in Civics
- To develop competencies related toteaching of civics.

Course contents:

Unit- I Theoretical Perspective of Civics Teaching:

- Meaning & Development of Civics.
- Nature, Scope & Developing Critical Thinking about Civics.
- Role of Civics in Promoting International Understanding.
- Aims & Objectives of Civics Teaching at Different Levels - Primary, Upper Primary. Secondary & High Secondary.

Unit- II Planning of teaching & Evaluation:

- Planning-annual Plan, Unit Plan, & Daily Lesson Plan. Audio Visual Aids.
- Innovation
- Evaluation (different types of test, setting, question paper, blue print, scoring key)

Unit- III Methods of teaching Civics:

- Lecture Method Project Method
- Problem Solving Method Programme Learning Team Teaching
- Discussion Method, Demonstration

Unit- IV Curriculum Planning & Activities:

- Selection & Organization Content at Various Levels Fundamental Principal of Formulation Curriculum in Civics Characteristics of a good Text Book
- Planning a Civics Studies Room

Assignment & Practical Works: (Any Two):

- Write an essay on any political problem One Assignment Worksolve.
- A critical study of Any one aspect of the constitution or one of its amendments.
- Make five different teaching materials using different type of teaching aids.
- Make charts on fundamental rights & duties.
- Prepare a scrap book on any political issue

Learning Outcomes:

After completion of this course students would able to:

- Understand the role of civics.
- Understand the Planning of teaching & Evaluation.
- Prepare Fundamental Principal of Formulation Curriculum.
- Develop competencies in teaching of civics.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BESS8210T	Social Studies	Pedagogy of a School Subject	4	30	70	100

OBJECTIVES:

- To enable the students to understand the meaning of social science and correlate with modern social science
- To understand the different approaches and organizing Social Science
- To prepare students for panel discussion, seminar and workshop
- To enable the student – teacher to critically examine the social science syllabus and text books.
- To develop the classroom skills and use of techniques for teaching of social science
- To develop the ability to organize co-curricular activities and utilize community resources for promoting social science learning

Course Contents:

Unit -I An Overview of Social Science

- Social Science: concept, nature and scope
- Relationship of Social Science with other School Subjects (History, Sociology, Political Science Economics, Mathematics, Science and Technology)
- Need and Importance of Teaching Social Science
- Objectives of Teaching Social Science at School Level: Elementary Level, Secondary Level

Unit-II Social Science Curriculum Principles of Designing a Good Curriculum and Planning in Social Science Teaching:

- Different Approaches to Organizing Social Science Chronological.
- Biographical Concentric.
- Characteristics of Good Text Book Planning.
- Social science Room.
- Social Studies Teacher –Quality, Functions and Professional Growth of Social Science Teacher.
- Planning for Teacher of Social science
- Annual plan.
- Unit plan.
- Lesson plan.

Unit - III Methods of Teaching Social Science:

- Story telling, Biographical, Socialized Recitation, Source method, Problem solving Method, Project method.
- Team Teaching
- Panel Discussion , Seminar and Workshop
- Field Trips
- Programmed Instruction.

Unit - IV Use of Instruction Material and Evaluation in the Social Science:

- Audio- Visual Equipment :- Use of Slide Projector OHP, Epidiascope, Television and Computer.
- Teaching Aids of Various kinds, their Effective Use in Class Room (Models, Black-board, Map, Graphs, Time Chart , Films, Coins and Puppet .
- Concept, Importance and Purpose of Evaluation in Social Studies.
- Construction of Blue Print and Achievement Test in Social Science

Assignment & Practical Works: (Any Two):

- Studying historical monuments available locally and writing report on it Prepare a scrape book on any social issue.
- Studying any social problem and write a report of the same
- Two abstracts of articles published in news papers journal on currents social issues.
- Prepare a lesson plan using local/ community resources as teaching aids (fair, festival ,person, place etc.)
- Construction , administration and interpretation an achievement test of any two school.
- Make 2 different teaching materials using different type of teaching (e.i. Charts, at as model & power point etc) at school social science subject

Learning Outcomes: After completion of this course students would able to:

- Understand the need for learning social science .
- Understand the place of social science in the secondary school curriculum.
- Develop the skills in student – teachers to select and apply appropriate methods and evaluate social science.
- Critically examine the social science syllabus and text books. Develop the classroom skills needed for teaching of social science.
- Develop the ability to organize co-curriculum activity and utilize community resources for promoting social science learning.
- Acquire the ability to develop instructional support materials. Review the text –book of social science (secondary level).

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SEMESTER- II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEEC8211T	Economics	Pedagogy of a school subject	4	30	70	100

Objectives:

- To help the students to acquire the basic understanding in the field of Economics.
- To enable the student teachers to understand the aims and objectives of teaching Economics at the secondary school stage.
- To develop the ability, to evaluate the present curriculum in Economics at the secondary level. To develop the ability to organize group activities and projects in the subject.
- To develop the ability to use of various methods of teaching Economics.
- To enable the student to acquire necessary skills for the use and preparation of teaching aids and instructional material in Economics.
- To develop in the students appropriate attitudes towards the country's Economy.
- To develop in the student an adequate sense of awareness about Economic issues of the country and an outlook of problem solving through analysis and application of the theory of Economics.
- To develop competence in framing objective based achievement and diagnostic test, their administration and their scoring and drawing conclusions there of. 10. To develop in the students an ability to conduct various surveys in Economics and organize field trips.
- To enable the student-teachers to prepare unit plan, lesson plan and related teaching learning strategies.
- To enable the student teachers to review the text book of Economics.

Course Contents:

UNIT-I Concept of Economics:

- The Place of Economics in School Curriculum.
- Aims and Objectives of Teaching Economics at the Secondary Level
- Instructional Objectives, Behavioural Objectives, Measurable and Non-measurable Objectives, Behavioural Statements of Objectives for Various Learning Points and Lessons.

UNIT-II Principle of Curriculum Planning:

- Principles and Approaches to Framing Syllabus and its Critical Appraisal at Secondary Level.
- Curriculum Planning and Activities.
- Evaluation of Text-books in Economics at the School Level:
- Criteria of Good Text-book
- Assignments, Exercises, Glossary and Summary in the Text
- Maxims and Principles of Class-room Teaching.
- Class-room Observation.

UNIT-III Planning and Methods of Teaching Economics:

- Lecture Method
- Project and Problem Solving Method.
- Discussion Method.
- Inductive and Deductive Method.
- Unit and Daily Lesson Plannings

- Teacher's Role and Attitude

UNIT-IV Instruction Material and Evaluation in Economics:

- Black-board, Maps, Graphs, Slides & Transparency, Audio-visual Aids, Slide Projector, Overhead Projector, LCD etc.
- Importance and Concept of Evaluations,
- Evaluation Devices- Essay type, Short answer Type and Objectives Type Test.
- Blue Print
- Preparation, Administration and Scoring of Unit Test.

Assignment & Practical Works: (Any Two):

- Preparation of two teaching aids related to subject. (PPT Transparency)
- Review of two published papers related to subject.
- Review of a text-book at school level.

Learning Outcomes: After completion of this course students would able to:

Explain the basic of Economics.

- Understand the aims and objectives of teaching Economics at the secondary school stage.
- Develop the ability, to evaluate the present curriculum in Economics at the secondary level.
- Organize group activities and projects in the subject.
- Use of various methods of teaching Economics.
- Acquire necessary skills for the use and preparation of teaching aids and instructional material in Economics.
- Appropriate attitudes towards the country's Economy.
- Adequate sense of awareness about Economic issues of the country and an out-look of problem solving through analysis and application of the theory of Economics.
- Framing objective based achievement and diagnostic test, their administration and their scoring and drawing conclusions there of.
- Prepare unit plan, lesson plan and related teaching learning strategies.
- Review the text book of Economics.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEGE8212T	Geography	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To understand the modern concept of Geography.
- To prepare yearly plan, unit plan, lesson plan for different classes.
- To prepare maps and charts to illustrate the content of different classes and use them effectively.
- To critically evaluate the existing school syllabus and review the text book of Geography.
- To apply appropriate method and techniques of teaching to particular topics at different levels.
- To arrange field trips and local surveys.

Course Contents:

Unit- I Concept and Objectives:

- Development of Geography, Modern concept and new trends of Geography. Its place in schools curriculum.
- Its importance in day to day life and International understanding Correlation of Geography with other school subjects.
- Teaching objectives of Geography at different levels- Primary, Upper Primary secondary and Higher Secondary.

UNIT- II Curriculum Planning in Geography:

- Principles of curriculum construction in Geography and its critical appraisal
- Basic Principles for selection and organization of content according to learners level.
- Co-curricular activities in Geography, study of Home Region, Organization of field trips and excursion, Geography museum and library.
- Evaluation of text book in Geography.

UNIT- III Methods, Planning for teaching and role of teacher:

- Annual plan,
- Unit plan Methods,
- Daily lesson plan
- Story telling, Regional Method, Demonstration method, laboratory, Inductive and Deductive method. Descriptive and Comparative method (Problem Solving, Project and Supervised study method). Approaches- Field trips, visit labs, use of local resources in teaching of Geography.
- Qualities, Role and professional growth of Geography teaching.

UNIT-IV Use of Instructional Material and Evaluation in Geography:

- Audio-Visual Equipment:- use of Slide Projector, OHP, Epidiascope, Television and computer in Geography
- Teaching aids of Various kinds. Their effective use in class room (Models maps, pictures, sketches, diagrams, film, strips. Atlas, Slides transparencies etc., Geography room, laboratory, Importance of lab work, equipment and apparatus.
- Evaluation of achievements in Geography. Construction of achievement test.
- Different types of tests, their merits and limitations, (Essay type. short, answer and objective type.) Blue-Print, preparation of question paper and item analysis.

Assignment & Practical Works: (Any Two):

- Prepare a scrap book on Geographical articles and news. Preparation of maps, charts and models for physical Geography Develop some lesson plan based on new methods and approaches.
- Write one or two article or abstract related to the current issues of Geography Critical appraisal of geography syllabus at secondary level.
- Construction of objective type test items.
- Collection of news paper cuttings related to Geographical issues.
- Prepare a bibliography of reference books on the topics prescribed in Geography syllabus.
- Practical demonstration of the ability to use some weather instruments.
- Prepare a report on visit to some place of Geographical interest.

Learning Outcomes: After completion of this course students would able to:

- Understand the modern concept of Geography and its correlation with other school subjects. Explain co-curriculum activities in Geography.
- Prepare various teaching plans. Explain different teaching aids.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEHS8213T	Home Science	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To understand the Concept, Nature and Scope of Home science.
- To provide knowledge related to pedagogical concept like aims, objectives, approaches, methods, blue print and assessment.
- To stimulate curiosity and creativity for application of different methods according to learning situations.
- To develop attitude towards skill development, application of new trends and use of information technology to enhance productivity of teaching

Course Contents:

Unit- I Theoretical Perspective of Home Science:

- Concept, Nature and Scope of Home science
- Correlation of Home science with other school subjects in context of resolving problems related to family and community
- Vocational skill Development through Home science teaching Aims and objectives of Home science teaching

Unit- II Planning, Curriculum & Evaluation:

- Planning : Concept, Types and Significance
- Criteria of Curriculum Development : Individualized, Interdisciplinary and Special issue oriented
- E- resources in Home science : Fashion blog, Nutritional remedies, Blogs, Specific institute related to textile, designing & health
- Co- curricular activities : Group Discussion, Exhibition, Excursion etc
- Blue print construction, Continuous & Comprehensive Evaluation in Home science.

Unit- III Approaches and methods :

Concept, Process, Scope and limitations :

- Constructivist approach
- Problem solving method
- Project method
- Experimental method
- Dalton method and Dramatization.

Unit- IV Measurement and Evaluation:

- Concept of Measurement and Evaluation
- Criteria of good Evaluation
- Preparation of Blue Print
- Diagnostic test and Remedial learning material
- Continuous and Comprehensive Evaluation

Assignment & Practical Works: (Any Two)

- Prepare a survey report for vocational skill development through Home science at college level Experimental works in food/clothing/textiles/household gadgets in context of teaching and learning Visit to Health centre/ Community service centre/ schools/ colleges/ NGO and prepare a file with report
- Construct a project related to recent problem in local area
- Develop a diagnostic test for students and plan remedial works for them
- Prepare two lesson plan based on Constructivist/ experimental approach for students.

Learning Outcomes: After completion of this course students would able to:

- Organize co- curricular activities like Group Discussion, Exhibition, Excursion etc. at school level.
- Stimulate curiosity and creativity for application of different methods according to learning situations. Develop attitude towards skill development, application of new trends and use of information technology
- to enhance productivity of teaching.
- Analyze school syllabus of the subject in relation to its applicability in local situations

References:

- Asthana S.R. (2007), Grih Vigyan Ka Adhyapan, Laxminarayan Agarwal Prakashan, Agra.
- Dass, R.R. and Ray, Binita (1979), Teaching of Home Science, Sterling Publisher Pvt. Ltd., New Delhi.
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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BECH8214T	Chemistry	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To develop a broad understanding of the principles and procedures used in modern science especially in chemistry.
- To develop essential skill for practising modern science education.
- To understand aims and objectives of chemistry.
- To gain ability for critically evaluate the existing syllabus of science.
- To prepare achievement test and diagnostic test.
- To enable him to organize co-curricular activities related to science.
- To appreciate the contribution of world scientist in connection with historical development of chemistry.

Course Contents:

UNIT-I Nature and Scope:

- Nature of Science and Chemistry, Importance of Chemistry in Daily Life, Correlation of Chemistry with Other Subjects
- Values of Teaching Chemistry Scientific Attitude, Scientific Literacy
- Eminent World Scientist in the Area of Chemistry Like Dalton, Einstein, Neil Borh, Rutherford, Marry Quarry.
- Globalisation and Chemistry.

UNIT-II Curriculum Planning and Activities:

- Place of Chemistry in School Curriculum, Principles of Developing Chemistry Curriculum
- Modern Trends in Chemistry Curriculum, Reading Material - Text Book, Journal, Handbook, Science Library

- Critical Appraisal of Syllabus of Science with Reference to Chemistry Prescribed by State Board of Secondary Education.

UNIT-III Methods and Approaches of Teaching:

- Lecture cum Demonstration Method (Inductive and deductive method), Project Method, Scientific Method, Heuristic Method
- Panel Discussion. Seminars and Workshop Laboratory Method.
- Teaching aid-Bulletin Board, Flannel Board, Filmstrips, Transparency, OHP, Direct Projector LCD Panel, Non-formal Approaches- field trips
- Laboratory- Lay out Plans, Equipments, Furniture, Maintenance of Records, Repair, Care and Improvisation of Apparatus, Safety measures in Laboratory.

UNIT-IV Planning for Teaching and Role of Teachers:

- Inquiry Model of Teaching Lesson Plan and Level Plan Piagian and Brunerian Approach- Behaviourist Contribution
- Evaluation - Criteria of good Evaluation Concept of Evaluation, Types of Test Items : Objective,
- Short Answer, Essay Type, their Merits and Demerits, Blue Print for a Unit Test Achievement and Diagnostic Test

Assignment & Practical Works: (Any Two):

- Make a list of practicals related to secondary science curriculum
- Essay related to any topic of the paper
- Make a list of local resources useful in teaching chemistry to the students of vv Secondary class
- Make a visit any senior secondary science laboratory of a school and prepare a report.
- Make a presentation based on any above topic.
- Learning Outcomes: After completion of this course students would able to:
- Understanding Importance of Chemistry and correlate it with other subjects
- Acquaint with the Modern Trends in Chemistry.
- Gain ability for critically evaluate the existing syllabus of science.
- Prepare achievement test and diagnostic test.
- Organize co-curricular activities related to science.

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- Dass- R.C. (1985), Science Teaching in Schools, Sterling Publications Pvt.Limited, New Delhi.
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- Nayak A. K. (2004), Teaching of Physics, APH Publishing Corporation, New Delhi.
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SEMESTER II						
Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEPH8215T	Physics	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To appreciate the contribution of eminent physicist in connection with the development of the subject.
- To familiar with the aims and objective of the subject in relation to the present need of the society and educational policies of India.
- To plan curriculum at the secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situation.
- To develop scientific attitude and provide training in scientific method to their student.
- To write objectives in behavioural term content analysis and content mapping .
- To develop yearly plan, unit plan and lesson plan.
- To plan, equip and organize physics practical in the laboratory.
- To use various methods with appropriateness of content, level and classroom situation.
- To prepare test paper for theory and practical work.

Course Contents:

Unit- I Nature Scope & Curriculum:

- Nature of Science and Physics, major milestones in the development of physics
- Aims, objectives and values of teaching physics at secondary and senior secondary level
- Concept of curriculum place of physics in secondary/sr. secondary level curriculum, selection and organization of content and experience
- Correlation of physics with other school subjects and its role in daily life
- Critical appraisal of the prescribed syllabus of physics (at senior secondary, secondary level of Rajasthan and CBSE board).

Unit- II Planning for Instruction and Role of Teachers:

- Writing of objectives in behavioural terms, content analysis. Developing yearly, unit and daily lesson plan.
- Teachers role in training students in scientific method and in development of scientific attitude. Qualities, responsibilities and professional growth of physics teacher.
- Creativity among students.

Unit- III Methods and Approaches of Teaching Physics:

- Demonstration method, Heuristic method, Inductive-Deductive method. Laboratory method, Project method, problem solving method, assignment method.
- Multi sensory aids in teaching of physics like chart, model modern electronic resources like; LCD projector, OHP and ICT
- Co-curricular activities like science club, science fairs and field trip.
- Role of state and national level institutes and laboratories(DST, ISRO, solar observatories etc.) in promoting science education.

Unit- IV Evaluation:

- Types of test items.
- Construction of various test items.
- Preparation of blue print and achievement test.
- Diagnosis and remedial teaching in physics, enrichment material. Evaluation and practical work in physics.

Assignment & Practical Works: (Any Two):

- Planning of an out of class activity to use local environment to teach physics. Life sketch of any two modern physicists.
- Essay related to a topic prescribed in the paper .
- Case study of Any one senior secondary lab of physics.
- Conducting and reporting three experiments useful at secondary level. Description of design of any improvised apparatus.

Learning Outcomes: After completion of this course students would able to:

- Appreciate the contribution of eminent physicist in connection with the development of the subject. Understand with the aims and objective of the subject in relation to the present need of the society and educational policies of India.
- Plan curriculum at the secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situation.
- Develop scientific attitude and provide training in scientific method to their student. Write objectives in behavioural term content analysis and content mapping .
- Develop yearly plan, unit plan and lesson plan.
- Plan, equip and organize physics practical in the laboratory.
- Use various methods with appropriateness of content, level and classroom situation.

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- Maitre, K. (1991), Teaching of Physics, Discovery Publishing House, New Delhi.
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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEMH8216T	Mathematics	Pedagogy of a School Subject	4	30	70	100

OBJECTIVES:

- To understand and appreciate the uses and significance of Mathematics in daily life
- To learn various approaches of teaching mathematics and use them judiciously
- To know the methods of planning instruction for the classroom.
- To prepare curricular activities and organize the mathematics Laboratory.
- To appreciate and organize activities to develop aesthetics of mathematics.
- To give competence in teaching different mathematics topic effectively.

Course Contents:

Unit- I Concept meaning and objectives of Mathematics.

- Concept, meaning and nature of mathematics
- History of mathematics
- Contribution of Indians and western mathematics.
- Aims and objectives of teaching mathematics
- Blooms taxonomy relating to the teaching objectives in mathematics (cognitive Affective, psychomotor domain).

Unit- II Methods and approaches of teaching Mathematics:

- Inductive vs. Deductive Analytical vs. synthesis
- Heuristic, Project, drill, assignment and supervised study, Laboratory method. Lesson planning, Unit plan and Yearly plan for mathematics teaching.
- Audio visual teaching aids in mathematics (Chart, Model, OHP, LCD, ICT), Improvising Low cost teaching aids in mathematics.

Unit- III Planning for instruction and curriculum:

- Curriculum development principle for the secondary and senior secondary level.
- Teaching of Arithmetic, algebra and Geometry
- Text book in mathematics, Quality of good book in mathematics.
- Critically evaluation of existing mathematics syllabus prescribed by Rajasthan Board of Secondary Education and C.B.S.E. at different levels.
- Using mathematics as a game for recreation, organizing Quiz programmes, magic square, answering puzzle and reasoning.

Unit- IV Evaluation in teaching mathematics:

- Academic testing – objective vs. subjective type test. Diagnostic evaluation in mathematics.
- Preparation of blue print and achievement test.
- Preparations of standardized vs. teacher made test in mathematics.
- Process of obtaining feedback and evaluation in mathematics in term of teaching objectives.

Assignment & Practical Works: (Any Two):

- Preparation of detailed plan about development of mathematics laboratory or mathematics club. Life sketch of any two Mathematicians.

- Essay related to a topic prescribed in above paper.
- Prepare a case study of slow learner in mathematics or gifted child in mathematics.
- Observation of mathematics classroom teaching in any secondary school and then prepare a diagnostic and remedial teaching plan.
- Learning Outcomes: After completion of this course students would able to: Understand and appreciate the uses and Significance of Mathematics in daily life Use various approaches of teaching mathamethics and use them judiciously.
- Understand the methods of planning instruction for the classroom. Prepare curricular activities and organize the mathematics Laboratory. Appreciate and organize activities to develop aesthetics of mathematics. Give competence in teaching different mathematics topic effectively.

Learning Outcomes: After completion of this course students would able to:

- Appreciate the contribution of eminent mathematician in connection with the development of the subject. Understand with the aims and objective of the subject in relation to the present need of the society and educational policies of India.
- Plan curriculum at the secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situation.
- Develop scientific attitude and provide training in scientific method to their student. Write objectives in behavioural term content analysis and content mapping .
- Develop yearly plan, unit plan and lesson plan.
- Plan, equip and organize Maths practical in the laboratory.
- Use various methods with appropriateness of content, level and classroom situation.

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1. Kumar S., Ratnalikar D. N. (2003), Teaching of mathematics, Anmol Publications Pvt. Ltd. New Delhi.
2. Mustafa M. (2004), Teaching of mathematics, New trends and innovations, Deep and Deep Publications Pvt. Ltd., New Delhi.
3. Wadhwa S., (2000), Modern methods of teaching mathematics, Sarup and sons, New Delhi.
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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEGS8217T	General Science	Pedagogy Of A School Subject	4	30	70	100

OBJECTIVES:

- To develop the knowledge about science and its nature.
- To acquire the knowledge about contribution of eminent Indian scientists.
- To aware about the aims, objectives and construction of curriculum.
- To develop understanding aout co-curricular activities, methods of teaching and preparation of test paper.

Course Contents:

UNIT- I Concept and Nature of General Science:

- Science : concept, nature and scope
- Correlation of science with other subjects
- General Science and its importance in school curriculum.
- Inquiring influence of science on man and environment.
- Scientist and their professional achievement.

UNIT- II Aims Objectives and Curriculum:

- Writing aims and objectives in behavioural term
- Developing yearly, uni and daily lesson plan.
- Principle of curriculum construction in General Science.
- Teachers role in training students in scientific method and scientific attitude.
- Professional growth of General Science Teacher.

UNIT-III Methods of Teaching General Science:

- Lecture method, Demonstration method
- Inductive-deductive method
- Project method, problem solving method
- Laboratory method, Assignment method
- Heuristic method.

UNIT- IV Activities and Evaluation:

- Science laboratory
- Teaching aids in General science- OHP, LCD Projector , Television. Co curricular activities, Science club, Science fair
- Evaluation : concept and importance
- Preparation of blue print and test paper construction.

Assignment & Practical Works: (Any Two):

- Make a list of practicals related to secondary science curriculum. Essay related to one topic prescribe in the paper.
- Preparation of a comprehensive field trip to plan for a group of twenty students. Make a list of local resources useful in teaching general science to the students.
- Make a visit at any senior secondary science laboratory of a school and prepare a report. Conducting and reporting three experiments useful at secondary level.
- Make a presentation based on any above topic.

Learning Outcomes: After completion of this course students would able to:

- Contribution of eminent Indian scientists in connection with the development of the subject.
- Familiar with the aims and objectives of the subject in relation to present needs of the society and education policies in India.
- Plan curriculum at secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situations.
- Identify proper methodology to deal with the content which is to be handled by him as teacher in secondary and higher level.
- Develop a broad understanding of the principles and procedures used in modern science education. Prepare

test paper for evaluation.

References:

1. Dass- R.C. (1985), Science Teaching in Schools, Sterling Publications Pvt. Limited, New Delhi.
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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEBI8218T	Biology	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To acquire the knowledge of nature and scopes of Biology.
- To develop understanding the principles of curriculum, planning and E-resources in Biology.
- To develop awareness about various approaches and innovative methods of Biological science for effective teaching learning process.
- To develop knowledge of multisensory teaching aids to enhance students engagement and activity based learning.
- To aware about construction of blue print, diagnostic test and remedial self learning material and conduct CCE procedure.

Course Contents:

Unit- I Theoretical Perspective of Biology:

- Meaning , Nature and Scope of Biological science and its branches Historical Development of Biological science
- Development of values through Biology teaching
- Science as a domain of enquiry, dynamic body of knowledge and as a process of constructing knowledge
- Developing and significance of Scientific Temper through activities Aims and Objectives of Biological teaching
- Writing Objectives in Behavioral terms and Content analysis

Unit- II Curriculum and Planning:

- Concept and principles of curriculum
- Models and approaches related to curriculum organization

- Recent curriculum innovations in context of National Curriculum Framework (NCF) Planning, Concept, Types and Importance
- Co- Curricular activities- Excursion, Science fair, Science club
- E-resources in Biology : Biology blog, E-learning, Useful links and websites etc.

Unit- III Methods and Approaches:

- Herbertian & Constructivist approach (Five 'E' model)
- Co- operative learning approach
- Inquiry training model & its application
- Problem solving approach
- Inductive and Deductive methods
- Multisensory Teaching aids- Low cost models, L.C.D. Projector, Poster making, Concept map etc.

Unit- IV Measurement and Evaluation:

- Concept of Measurement and Evaluation
- Criteria of good Evaluation
- Preparation of Blue Print
- Diagnostic test and Remedial learning material
- Continuous and Comprehensive Evaluation in Biology

Assignment & Practical Works: (Any Two):

- Construct, administer and interpret an achievement/diagnostic test and resolving related problems through remedial measure too
- Prepare the Concept map related to school level teaching and demonstrate them to learn different contents in classroom
- Prepare the report on environmental problems in local area and resolving issues through scientific project.
- Poster Presentation/ Drama on various issues related to community awareness about biodiversity/ environmental problems/ waste management.
- Organization of exploratory activities to develop scientific attitude and temper
- Learning Outcomes: After completion of this course students would able to:
- Acquire the knowledge of nature and scopes of Biology.
- Understand the principles of curriculum, planning and E-resources in Biology.
- Know and apply the various approaches and innovative methods of Biological science for effective teaching learning process.
- Apply knowledge of multisensory teaching aids to enhance students engagement and activity based learning.
- Construct blue print, diagnostic test and remedial self learning material and conduct CCE procedure.

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1. Choudhary, S. (2010), Teaching of Biology, APH Publishing Corporation, New Delhi.
2. Gear, T. L., The Teaching of Biology in Secondary Schools.
3. Joshi, S. R. (2005), Teaching of Science, A.P.H. Publishing Corporation, New Delhi.
4. Lakshmi, Gade Bhuvneswara, Rao Digumarti Bhaskara, (2004), Method of Teaching Life Science, Discovery Publishing House, New Delhi.
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7. Sood, J. K. (1987), Teaching of Life Science, Kohali Publishers, Chandigarh.
8. Yadav, M. S. (2000), Modern methods of Teaching Science, Anmol Publishers, Delhi.

SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BECP8219T	Commerce Practice	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To acquire the basic understanding in the field of commerce education.
- To develop the ability to plan curriculum and instructions in commerce at school level.
- To develop the ability to critically evaluate existing school syllabus and text book.
- To impart knowledge about the methods and devices of teaching commerce and to develop the skill of using the same.
- To develop the ability of preparing an achievement test.
- To develop commercial efficiency among students.

Course contents:

Unit - I Concept of Teaching Commerce:

- Meaning, nature and scope of commerce education.
- Aims, objectives and values of teaching commerce at senior secondary level. The place of commerce in education.
- Qualities of commerce teacher , role and professional growth.

Unit - II Planning of Teaching Commerce:

- Unit plan and daily lesson plan.
- Maxims of teaching.
- Devices of teaching commerce.
- Classroom observation

Unit -III Methodology of Teaching Commerce:

- Modern Methods of Teaching Commerce :
- Analytic & Synthetic method
- Socialised Recitation Method Team teaching
- Programmed instruction method Project Method

Unit - IV Instructions Material and Evaluation in Commerce Education:

- Importance of teaching aids for effective instruction commerce education. Different audio-visual equipment and material used commerce education.
- Evaluation in commerce importance, type of tests essay, short answer and objective type. Blue print.
- Construction of Achievement Test.

Assignment & Practical Works: (Any Two):

- Content Related subject topic
- Preparation any two teaching aids (Model, P.P.T., Learning Outcomes: After completion of this course students would able to:
- Acquire the basic understanding in the field of commerce education.

- Develop the ability to plan curriculum and instructions in commerce at school level.
- Develop the ability to critically evaluate existing school syllabus and text book.
- Apply impart knowledge about the methods and devices of teaching commerce and to develop the skill of using the same.
- Prepare an achievement test.
- Usw commercial efficiency among students.

Learning Outcomes: After Completion of this Course Students would able to:

- Acquire the basic understand of teaching of commerce and Accountancy.
- Develop the ability to plan curriculum and instruction in commerce and Accountancy. Critically evaluate the existing school curriculum of commerce.
- Impart Knowledge of the methods and devices of teaching commerce and to develop the skill of using the same.
- Apply appropriate methods and devices of teaching particular topics for commerce. Prepare achievement and diagnostic Tests.
- Develop necessary skill in preparation of using various teaching aids.

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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEBK8220T	Book-Keeping	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To acquire the basic understanding of teaching of Book–Keeping and Accountancy.
- To develop the ability to plan curriculum and instruction in Book-Keeping and Accountancy.
- To develop the ability to critically evaluate the existing school curriculum of Book–Keeping.
- To impart knowledge of the methods and devices of teaching Book–Keeping and to develop the skill of using the same.
- To give information about appropriate methods and devices of teaching particular topics for book–keeping.
- To develop necessary skill in preparation of using various teaching aids.

Course Contents:

Unit- I Meaning and scope of Book–Keeping and Accountancy:

- Meaning and scope of Book–Keeping and Accountancy. it's value and Importance in Social Life.
- Aims and objectives of teaching Book-Keeping and accountancy at senior secondary level.
- Teachers Role and Attitude.

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Unit - II Planning of Teaching Book-Keeping and Accountancy:

- Unit plan
- Lesson plan
- Annual plan
- Maxims and principle of classroom teaching
- Classroom observation.

Unit- III Teaching Approches and methods of Teaching Book-keeping and Accountancy:

- Teaching Approches of Book-keping and Accountancy Journal Approach, Ledger Approach, Cash book Approach, Equation approach
- Book-Keeping and Accountancy: their importance and Criteria for selection of text book, Reference book and Journal.
- Various methods of teaching in Book-Keeping and Accountancy – Project, Problems Solving, Lecture-cum-demonstration Method, Team Teaching Program learning Method.

Unit- IV Instruction Material and Evaluation in Book-keeping and Accountancy:

- Audio-visual aids in teaching of Book-Keeping and accountancy computer. (tally) Internet Evaluation of students performance
- Blue Print
- Construction of Achievement Test.

Assignment & Practical Works: (Any Two):

- Content related to subject topic Any one subject topic

Learning Outcomes: After completion of this course students would able to:

- Acquire the basic understand of teaching of Book-keeping and Accountancy.
- Develop the ability to plan curriculum and instruction in Book-keeping and Accountancy. Critically evaluate the existing school curriculum of Book-Keeping.
- Impart Knowledge of the methods and devices of teaching Book-keeping and to develop the skill of using the same.
- Apply appropriate methods and devices of teaching particular topics for Book – Keeping. Prepare achievement and diagnostic Tests.
- Develop necessary skill in preparation of using various teaching aids.

References:

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- Boynton Lewwis D: Methods of teaching Book –Keeping. South Western publication Co. Cincinnanti. Ohio.
- Gupta and Gupta: Intermediate Book-Keeping and Accounts. Agra Book Store. Agra (Hindi and English Version)
- Harvey: Ways to teach Book – Keeping and Accounting.
- J.N.Vaish : Book- Keeping and Accounts. Part 1 and 2 (Hindi and English version)
- Parikh. Dr. A.K.M.: Lesson Planning in Indian school. Sbda Sanchar. Ajmer.
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- Tonne: Pohem and Freeman : Method of teaching Business Subject. Gregg Pub... Dir., Mc Graw Hill Book Co., Inc. New York.Ver
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- Williams: Principles of Teaching applied in Book-Keeping and Accounts Sir Isaac Pitaman. London.

SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEDP8221T	Drawing and Painting /Fine Art	Pedagogy of Drawing and Painting	4	30	70	100

Course Objectives:

To enable the student teacher to-

- get acquainted with importance of Drawing and Painting and its place in curriculum.
- understand the concept of representing models and imagination of Drawing and Painting
- get acquainted of methods of teaching of Drawing and Painting
- correlate of Drawing and Painting Education with other school subject.
- get acquainted with practical skill in Drawing and Painting

Course Contents:

Unit-I Basic Of Fine Art:

- Concept, Importance and Scope of different forms of Drawing and Painting
- Nature, scope and aims of teaching Drawing and Painting
- Importance of Drawing and Painting and its place in the curriculum at School level.
- Significance of teaching Drawing and Painting at school level.

Unit-II Aims and Objectives of Teaching Fine Art:

- Aims and Objectives of teaching Drawing and Painting (Blooms & Revised Blooms Taxonomy)
- Curriculum Organization of fine Arts.
- Critical appraisal of the existing syllabus in fine Arts.
- Importance of Exhibitions & Competitions in encouraging creative Expressions among Students.

Unit-III Lesson Planing and Teaching Aids of Fine Art:

- Lesson planning to teach Fine Arts : Micro, Macro, ICT Based, Diary Based, Test Based, Model based (Line, Color, Design, Still Life, Poster)
- Methods of teaching Fine Art and Its Approaches: Free Expression, Representation, Designing and clay modeling at various stages.
- Representing model and imagination in Teaching of Fine Art
- Audio –Visual aids and their use in teaching of Fine Arts and critical appraisal of present text books in Fine Arts.

Unit-IV Professional Development of Arts Teacher And Evaluation:

- Qualities and professional competencies of a Fine Arts teacher.
- Omposition and Appreciation of Fine Arts
- Art Room, its need, equipment and decoration.
- Evaluation: CCE, Grading system, CBCS, Construction of Achievement test, Remedial and Diagnostic Teaching.

Assignment & Practical Works: (Any Two):

- Content related to subject topic Any one subject topic

Learning outcomes:

- The Pupil teachers will be able to-
- develop basic understanding of different Fine art forms and their impact in our life.
- enhance artistic and aesthetic sensibility of learners to enable them to respond to the beauty in different Fine Art forms.
- develop skills for integrating different Fine Art forms across school curriculum at Secondary level.
- Create awareness of the rich cultural heritage, artists and artisans in the society.

References :

- Brown, Percy (1953). Indian Painting, Calcutta.
- Chawla, S.S. (1986). Teaching of Art. Patiala: Publication Bureau, Punjabi University.
- Harriet, Goldstein (1964). Art in Everyday Life. Calcutta: Oxford and IBH Publishing Company. Jaswani, K.K., Teaching and Appreciation of Art in Schools.
- LowenfeldViktor .Creative and Mental Growth.
- Margaret, Marie Deneck (1976). Indian Art. London: The Himalata Publication. Sharma, L.C., History of Art, Goel Publishing House, Meerut.
- Read, Herbert. Education through art. Shelar, Sanjay. Still Life. Jyotsna Prakashan
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SEMESTER II

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEMU8222T	Music	Pedagogy of Music	4	30	70	100

Course Objectives:

To enable the Pupil teacher to-

- understand the history, importance, and co-relation of Music with other school
- comprehend the knowledge of swarms and sruti and Bloom's taxonomy of instructional
- prepare pedagogical analysis of the content and develop a lesson plan for the classroom
- acquire competence in skills for the teaching of Music.
- develop teaching aids to teach Music.
- familiarize the qualities of Music and Music teacher.
- understand the different methods of teaching Music.
- acquiring competency in preparing tools of evaluation.

Course Contents:

Unit I- Basic of Music:

- Nature and scope of Music, Vocal and Instrumental Music.
- Aims and Objective of teaching in Music at School level.
- The importance of Music and its place in the curriculum at School levels.
- Curriculum: Classical, Light, Film and Folk music and the claims of each for inclusion in the syllabus: songs for school children.

Unit II- Subject Matter Of Music:

- General principles of teaching in Rags, Melodic grace, devices and Tune
- Training in Rhythmic perception, Correlation of Music with other school subjects.
- Audio-visual aids and their use in teaching Music.

- Textbooks: criteria of a good textbook in Music, a critical appraisal of the present textbooks in Music.

Unit III- Music in School Curriculum:

- Importance of Music in School Curriculum Music Room: Its equipment's and organization.
- Different type of tests: (Theory and Practical) construction, administration and test of performance.
- Knowledge of subject matter contents up to Secondary level.

Unit IV- Biographies of the following Eminent Musician:

- Swami Haridas, Tansen
- Pt. Vishnu Digambar Paluskar
- Pt. V. N. Bhatkhande
- Qualities of a Good Artist.

Assignment & Practical Works: (Any Two):

- Content related to subject topic Any one subject topic

Learning outcomes:

The pupil teacher will be able to-

- identify, analyze and work conceptually with the elements and organizational patterns of music and their interaction, employing this understanding in aural, verbal, and visual analyses and applications.
- distinguish and analyze music according to historical, cultural, and stylistic contexts, and to address culture and history from diverse perspectives.
- apply relevant forms of music technology, including their basic functions and integrative nature.
- demonstrate a fundamental proficiency in keyboard skills.
- demonstrate and apply the research skills necessary for musical and contextual understanding of musical elements and relevance.
- demonstrate the conducting and technical skills necessary to effectively and artistically lead a collaborative rehearsal.

References:

- Awasthi, S.S.A.,(1964)Critique of Hindustani Music and Music Education, AdhunikPrinter, Jalandhar.
- Bhatkanda, V.N., (2003), Karmik Pustak Malika Laxme Narayan Garg, Sangeet Karyalaya, Hathras.
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- Barr, A.H, (1954), Masters of Modern Art, New York.
- Brown Percy : Indian Painting, The heritage of India Series, M.C.A. Pub. House, Calcutta
- The Teaching of Music by Prof. P. Suambarmoorthy
- A critique of Hindustani Music and Music Education by S. S. Awasthi
- Sangeet Bodh by Dr. S. S. Awasthi
- Sangeet Visharad by Vasant, Hathras Prakashan
- Hamare Sangeetagya by Prakash Narayan
- Pranav Bharti by Pt. Omkar Nath Thakur
- The Scope of Music, Oxford Univ. Press by Buck
- Voice Training by Grew, Oxford Univ. Press
- Lok Sangeet Ank (Hathras Prakashan).
- NCERT. (2006). Position paper-National focus group on Art, Music Dance and Theatre.

SEMESTER II

Course code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEEM8223T	Education System in India and School Management	CC	4	30	70	100

Course objectives – The objectives and the learning outcomes of the B.Ed. course are –

- To development interest attitudes and knowledge which will enable them.
- To provide guidance to individual pupil.
- To build up a professional consciousness.
- To develop an understanding of the close relationship between society and school, between life and school work.
- To develop and understanding of aims and objective of education in the indian background and to promote an awareness of the role of the school and the Teacher in the realizing these aims and ideals.
- To develop a leadership quality.

Course Content:

Unit –I Introduction to Educational Management:

- Meaning, Definition, nature, scope, objectives, needs, functions and recent trends in education Management.
- Characteristics of Effective educational management.
- Management structure of education in india and different levels- Centre, State and local.
- Education management in the state of Rajasthan with special reference to school education.

Unit –II Management of School Activities:

- Time Management- School Calendar, Preparation of Time table – Concept, Principles, types.
- Curricular and Co-Curricular activities – their importance, principles, planning and effective organization.
- Institutional planning – concept, areas, steps.

Unit –III Growth and Development of Education in India:

A. Per-Independence era:

- Education during Vedic, Buddhist and Medieval period.
- Development during British period:
- Macaulay’s Mission and Bentinck’s resolution of 1835.
- Adm’s report.
- Woods dispatch.
- Growth of national consciousness and national education movement.
- Hunter commission report.

B. Role of Central and State agencies of Education:

- MHRD, NCTE, NCERT, CBSC, CIBE (Central Advisory Board of Education), NIEPA,
- State Dept. of Education- RBSE, SIERT, IASE, CTE, DIET.

Unit –IV Management of Resources:

- Leadership role of Principal - Characteristics and skills, role in building the climate of a school. Leadership. Styles, meaning and qualities.
- Human resource management – Recruitment, orientation and professional development of teachers.
- Financial management – Budgeting, monitoring and auditing.
- Material resource management.

Assignment & Practical Works: (Any Two):

(Content related to subject topic Any one subject topic)

- Study on an institutional plan of a school.
- A critical study of secondary school management.
- Study the leadership role of Principal of a senior secondary school.
- Study of Co-Curricular activities organized by school,
- Action research.
- Case study of disability of an individual.
- Study of inclusive practices of a secondary school.
- Prepare a PPT (about school related problem).

Learning Outcomes: After completion of this course students would able to:

- Ability to translate objectives of secondary education in terms of specific programmes and activities in relation to the curriculum.
- Ability to understand childrens needs, motives, growth pattern and the process of learning to stimulate learning and development.
- Ability to examine pupils progress and effectiveness of their own teaching through the use the proper evaluation techniques.
- Ability to organize various school programs activities for pupil.
- Readiness to spot talented and gifted children and capacity to meet their needs.

Reference:

- | | |
|--|--|
| ➤ Creating an inclusive School | - Dr. K.P. Singh, Dr. Satyaveer Singh |
| ➤ Creating an inclusive School | - Dr. Rajesh Kumar Vashistha |
| ➤ Creating an inclusive School | - M. Kanmani esther, S. Kulas ekara vadhoo |
| ➤ Inclusive Education- Edited by | - Nareadi phosha |
| ➤ Inclusive Education | - Dr. Parul Sharma, Dr. Mamta Choudhary |
| ➤ School Management | - M. Dash, Neena Das |
| ➤ Education, Administration and Management | - Dr. R.A. Sharma |
| ➤ School Management and Leadership | - Dr. Rima M Solanki, Dr. Swati S Rawat |

**SEMESTER-II
PRACTICAL WORK**

(1)

Course code	Course Title	Course Category	Credit	CIA	Theory	Total
24BEOA8224I	Open AIR/SUPW CAMP	CC	2	50	-	50

S.N.	OPEN AIR/SUPW CAMP	Maximum Mark
1	OPEN AIR/SUPW CAMP 1. Community Service 2. Survey (based on Social and Educational Events) 3. Co-Curricular Activities 4. Health and Social awareness Program (DISASTER MANAGEMENT AND CLEANESS) 5. Studies (work Experience related with theory course and literacy activities)	50 Marks 10 Marks 10 Marks 10 Marks 10 Marks 10 Marks

(2)

Course code	Course Title	Course Category	Credit	CIA	Theory	Total
24BESI8225I	School Internship (4Weeks)	CC	2	50	-	50

S.N.	Internship Work (4 Weeks)	Maximum Mark
1	Teaching of Method Subject	15 Marks
2	Participation in All Activities of School	10 Marks
3	Report of Any Feature of School/Case Study/Action Research	10 Marks
4	Social Participation in Group	05 Marks
5	Criticism Lesson	10 Marks
Total		50 Marks

Guidelines for the Internship Work:

- Four Weeks Internship in Recognized upper Primary/Secondary/Higher Secondary School. Trainee have to perform following activities during internship and prepare detailed report
 - Internship Report must be verified and signed by the school Principal
 - Detailed Study of School Documents, like General Records, Progress Report, Academic Calendar etc.
 - Organized cultural activities
 - Interaction and observation of students
 - Submission of total Report of internship Program.
- Action Research: Selection Problem, Data Collection ,Analysis, report Writing and Submission (Any One).

(3)

Course code	Course Title	Course Category	Credit	C.I.A.	Practical	Total
24BEEA8226P	External Assessment (one final Lesson)	CC	4	-	100	100

Note:-This Pratical work will be Completed by one Internal Examiner and Two External Examiner

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SEMESTER -III

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BEPS8301T	Philosophical and Sociological Perspectives of Education	CC	4	30	70	100

Objectives:

- To know Sociological Perspectives of Educations seek to encourage students,
- To know social structures and educational provision.
- To Know course focuses on the study of the social behavior of individuals, groups, and societies.
- To Know opportunities for student teachers to examine relationships among individuals.

Course contents:

Unit- I Education and Philosophy:

- A. Conceptual clarity, nature and relationships.
- B. Aims of studying philosophical perspective of education.
- C. Branches of Philosophy and their educational implications: Metaphysics, Epistemology, Axiology
- D. Understanding Indian Perspective of Education:-
 - Meaning, nature and aims of education with special reference to Vadic, Buddhist, Jain, Sikh and Islamic traditions.
 - Understanding the terms Darshana, Para and Aparā Vidya, Avidya, Shiksha, Samvaad, Panchkosha, Gurukulam, Acharya, Guru, Shishya, Upadhyaya, Jigyasa, Swadhyaya.

Unit- II Philosophical Schools and Educational Thinkers:

- A. Conceptual Clarity of the following schools of thoughts with their implications for educational practices:
 - **Bharatiya:** Samakhya, Yoga, Nyaya, Vaisheshika, Mimansa, Vedanta
 - **Western:** Idealism, Naturalism, Pragmatiosm, Progressivism.
- B. Deliberations on aims, process and educational institutions developed on thoughts of following thinkers and practitioners:
 - **Bharatiya:** Swami Vivekananda, Sri Aurobindo Ghosh, Gurudev Rabindra Nath Tagore, Mahatma Gandhi.

Unit- III Education and Society:

- Conceptual clarity, relationship, significance and aims of studying relationship between these two.
- Educational sociology and social perspective of education: meaning and functions.
- Education as a Social system.
- Conceptual clarity of the following terms: Society, Social Behavior Culture Status, Institution, Ideology, System, Sub-system, Socialization, Social System, Social values and norms, Conflict, Modernization Social change.
- Education as a process of Socialization.
- Impact of following on Culture and Educational Process: Social Welfare, Social Reform Movements, Legal interventions on Child Marriage and child Labor Act, Educational Policies and Acts, Adult Literacy, New Technology of communication, Social Equality and Equity.

Unit- IV Value Education:

- Conceptual Clarity, Significance and Types of Values.
- Constitutional Values and its impact on our Education, Human Rights and Values.
- Guru-Shishya-Parampara and Education Values.
- Values enshrined in Indian Constitution.
- NEP, 2020 and Values with special reference to 21th Century.

Assignment & Practical Works: (Any Two):

- Critically observing nearby society/ locality in groups of 4-5 students and sharing observations related to cultural/ social influences on educational practice.
- Analyzing social Equality and Equity.
- Institutional visits in small groups in coordination to institutions related to different thinkers and preparation of a report followed by individual/group presentation.

Learning Outcomes:

- To encourage students to explore the nature of knowledge, the nature of human beings, the nature of society and its aims and the educational implications of these understanding.
- To engage the prospective teachers to read and acquaint themselves with the meaning of terms like Vidya, Avidya, Shiksha, Education etc. and to facilitate them to understand and differentiate them through reflections on these terms on the basis of ancient Indian texts.
- To facilitate prospective teachers to engage themselves in peer groups for sharing of their real-life reflective experiences regarding socio-cultural and philosophical living and facilitate them to conceptualize the meaning of terms like philosophical, social and cultural traditions in Indian educational context.
- To orient and engage prospective teachers to read, observe and understand the vision of some great Indian and global educators and categorically reflect on vision.aim, process of education and the contemporary relevance.

References:

1. Baskin, Wade, Classics in Education, Vision Press London, 1966
2. Brubacher, John S. Modern Philosophies of Education, Tata Mc Graw Hill New Delhi, 1969.
3. Broudy, H.S. Building a Philosophy of Education, Krieger, New York, 1977.
4. Pandey, R.S. An Introduction to Major Philosophies of Education, Vinod Pustak Mandir, Agra, 1982.
5. M.H.R.D. towards an Enlightened and Human Society, Department of Education, New Delhi, 1990.
6. Inkeles, Alex, What is Sociology? Prentice Hall of India, New Delhi, 1987.
7. Maslow, A.H. (Ed.) New Kno Ledge in Human Values, Harper and Row, New York, 1959.
8. Narvane, V.S. Modern Indian Thought. Orient Longmans Ltd. New York, 1978.

SEMESTER - III

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEGS8302T	Gender, School and Society	CC	2	15	35	50

Course Objectives:

To enable the pupil teacher to:

- Understand the key concept of gender (male, female and transgender), gender bias, gender stereotypes, empowerment, gender parity, patriarchy, feminism.

- Explain the Social Construction of Gender with Special Reference to Society.
- Know the policies, Plans, Schemes and Different laws of Government for Promoting Gender Parity.
- Learn about gender issues in school, curriculum, pedagogical process and its intersection with class, caste, religion and region.

Unit-I Key Concepts of Gender Issues:

- Concepts, terms and relate them with their context in understanding the power relation to gender, sex, sexuality, patriarchy, masculinity and feminism, gender bias, gender stereotyping and empowerment. Patriarchy, power, resources and opportunities.

Unit II Social Construction of Gender:

- Socialization in family and at school, Occupation and identity, Stereotypes about Females prevalent in the society, media and literature.
- Gender and its intersection with poverty, class, caste, religion

Unit III: Gender, Power and Education:

- Gender identities and socialization practices in : Family, School and other formal and informal organization.
- Schooling of girls: Inequalities and resistances (issues of access, retention and exclusion), Overview of girl education in India with special reference to U.P.

Unit-IV Gender Jurisprudence (Indian context):

- Understanding the importance of addressing sexual harassment in family, neighborhood and other formal and informal institutions.
- Prenatal Diagnostic Technique Act, 1994; Domestic Violence Act, 2005, Reservation for Women,
- Supreme Court Verdict about transgender.

Learning outcomes:

- The pupil teacher will be able to-
- Discuss and debate on gender based right and responsibilities.
- Interpret human rights in relation to gender.
- Understand the nature and process of the socialization.
- Suggests and invent some policy interventions in the school education.
- Analyze and create a project on social issues based on gender.

Assignment & Practical Works: (Any Two):

- Preparation of Project on key Concepts and its operational Definitions Relating it with the social context of teachers and students.
- Analysis textual Material from the perspective of gender Bias and stereotype .
- Organize Debates on Equality and Equity cutting across gender, class, caste, religion, ethnicity, disability and region
- Prepare project on issues on concerns of Transender
- Project on analyzing the growing up of boys and Girls in different types in india

References:

- Desai, Neera and Thakkar, Usha.(2001). Women in Indian Society. National Book Trust. New Delhi
- Dunne, M.et al.(2003). Gender and Violence in School. UNESCO
- Kostas, Marios (20 June 2019). —Discursive construction of hegemonic masculinity an emphasized femininity in the textbooks of primary education: children's discursive agency and polysemy of the narratives!. Gender and Education:-1
- NCERT 2006, National Curriculum Framework 2005: Position Paper, National Focus Group
- .Gender Issues & Education
- Srivastava, Gouri (2012). Gender and Peace in Textbooks and Schooling Process. Concept Publishing Company Pvt. Ltd., New Delhi
- Sherwani Azim.(1998) The Girl Child in Crises. Indian Social Institute, New Delhi
- UNESCO (2015). A Guide for Gender Equality in Teacher Education Policy and Practices (PDF). Paris, UNESCO. pp. 9-10, 59-61. ISBN 978-92-3100069-0.
- <http://www.genderandeducation.com/issues/secondgeapolicyreportwolf/>
- <http://www.genderandeducation.com/resources-2/pedagogies/curriculum/>
- <http://www.publications.awe.asn.au/gender-and-the-national-curriculum>

SEMESTER - III

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BEAL8303T	Assesment for Learning	CC	4	30	70	100

Objectives:

- To describe the role of assessment in education.
- To distinguish among measurement, assessment and evaluation.
- To explain different forms of assessment that aid student learning.
- To use wide range of assessment tools, techniques and construct these appropriately.
- To evolve realistic, comprehensive and dynamic assessment procedures.
- To calculate item difficulty and discrimination power of a test item.
- To prepare a good achievement test on any school subject.
- To realize the importance of continuous and comprehensive evaluation in the process of students learning.

Course Contents:

Unit I - Assessment and Evaluation in Education:

- Concept of measurement, assessment and evaluation Types,Need, scope and relevance of evaluation Principles of assessment and evaluation
- Test, scale and measurement
- Types of scale : nominal, ordinal, interval and ratio
- Significance of assessment for learning
- Self assessment and peer assessment.

Unit II -Tools and Techniques of Assessment and Evaluation:

- Characteristics of a good measuring instrument

- Achievement test: steps of construction of achievement test – Teacher made and Standardized test Types of test items and its construction : subjective test items and objectives test item
- Diagnostic test construction and preparation of remedial materials Analysis of test items – item difficulty level and item discrimination power.

Unit III -Trends in Assessment:

- Continuous and Comprehensive Evaluation
- Marking system vs Grading system
- Semester system (C B C S) Choice Based Credit System
- Open book examination and question bank
- Portfolio : Organizing and Planning for student portfolios and developing rubrics for portfolio assessment, teachers diaries and group activities for assessment.
- Team teaching, group discussion, co-operative learning, student presentation (PPT), seminar.

Unit IV - Basic Statistics in Evaluation:

- Measure of Central Tendency: Mean, Median, Mode
- Measure of variability : Range Quartile Deviation Average Deviation Standard Deviation
- Range and percentile rank
- Concept of Z and T scores
- Graphical representation of data histogram, frequency polygon
- Normal probability curve, properties, uses
- Skewness and kurtosis mode of transaction
- Co-Efficient of Co-relation

Assignment & Practical Works: (Any Two):

- Prepare an achievement test of any school subject of secondary school.
- Write one Assignment Workwith in the content
- Construct a remedial material for school students in any content problems.
- Select, analyses and try- out a sample tool/test with item discrimination power.

Learning Outcomes: After completion of this course students would able to:

- Describe the role of assessment in education. Distinguish measurement, assessment and evaluation.
- Explain different forms of assessment that aid student learning.
- Use wide range of assessment tools, techniques and construct these appropriately.
- Evolve realistic, comprehensive and dynamic assessment procedures. Calculate item difficulty and discrimination power of a test item.
- Prepare a good achievement test on any school subject.
- Realize the importance of continuous and comprehensive evaluation in the process of students learning.

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- National Council of Educational Research and Training (2008). Source Book on Assessment for class I-V: Social Science. New Delhi: NCERT.

SEMESTER - III

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BECI8304T	Creating an Inclusive School	CC	2	15	35	50

Objectives:

- To develop the understanding of the concept and philosophy of inclusive education in the context of education for all.
- To identify and address diverse needs of all learners
- To familiarize with the trends and issues in inclusive education
- To develop an attitude to foster inclusive education
- To develop and understanding of the role of facilitators in inclusive education
- To prepare teachers for inclusive schools

Course Contents:

Unit-I Introduction to Inclusive Education:

- Meaning, Objective, Need and Types of Inclusive Education
- Principles of Inclusive Education
- Solution and challenge of Inclusive Education
- ICT Material of Inclusive Education

Unit-II Legislation, Emerging Issues and Role of Agencies in Inclusive Education:

- Legislation for inclusive education- National policy of disabilities 2006
- Sarva Shiksha Abhiyan (2002)
- NGO RTE-2009.

Unit- III Exceptional Child and Special Educational:

- Exteptional Child : Meaning and Types
- Mentally Retared Child
- Physically Handicapped Child

- Hearing Impaired Child
- Visually Handicapped
- Child Emotionally Disturb Child

Unit- IV Special Educational Need (SEN) of learners in Inclusive School:

- Speech Defective Childern
- Language Handicapped Child
- Learning Disadvantage Child
- Parents of Exceptional Childern
- Guidance of Exceptional Childern
- Special School (Building Co-curricular Activities).

Assignment & Practical Works: (Any Two):

- Write a One Article of Disabilities Child Case study of disabilities child
- Write a report of evaluation process in inclusive school
- Learning Outcomes: After completion of this course students would able to:
- Understand of the concept and philosophy of inclusive education in the context of education for all. Identify and address diverse needs of all learners
- Describe the trends and issues in inclusive education Apply the attitude to foster inclusive education
- Develop and understanding of the role of facilitators in inclusive education
- Prepare teachers for inclusive schools.

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- योगेन्द्रजीत, भाई (2008), शिक्षा में नवाचार और नवीन प्रवृत्तियों, विनोद पुस्तक मंदिर, आगरा
- सुखिया, एस.पी. (2008), विद्यालय प्रशासन एवं संगठन, विनोद पुस्तक मंदिर, आगरा,
- हन्फी, ऐम.ए. एवं हन्फी एस.ए. (2009), अधिगमकर्ता का विकास एवं शिक्षण अधिगम प्रक्रिया, विनोद पुस्तक मंदिर, आगरा, जयपुर

SEMESTER - III

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEDA8305T	Drama and Art in Education (EPC-II)	CC	2	15	35	50

Objectives:

- To develop skills of role playing and acting.
- To acquire the knowledge and develop skill of arts, painting and playing musical Instruments.

Course Contents:

Unit- I Aesthetic Sense and Education:

- Aesthetic Sense and values : Meaning, nature, concept and importance in Human life. Arts in Education and Education in Arts, transform art and Aesthetic Sense through education
- Concept of creativity : Creative writing modes in speech and Importance of education for it.
- Relationship between art, literature and education. Historical perspectives of various types of art in India.

Unit- II Visual Art : Teaching and Learning

- Play: Meaning, concept, need, types, importance, relationship between learning and drama education
- Dramatic pressure for understanding problems in a new way.
- Use of visual art in teaching learning process. Art and self expression. Need and importance of
- Community participation.

Unit- III Write a Drama Script:

- Prepare a Drama for any Social issues (Class VI to XI)
- Role playing for different scene of Drama
- To know different types of Drama.

Unit- IV Fine Arts, Materials and its Relevancy (Any two works):

- Mehandi, Drawing
- Rangoli/Model Preparation
- Poster Painting

Assignment & Practical Works: (Any Two):

- Prepare any one Assignment Work related to above units.
- Plan and organize any two activities related to above units.
- Prepare Arts and crafts with un usual material
- Prepare Fine Arts with paper Hand made Architecture
- Soft toys(Teddy bear)
- Dance Art
- Fine Arts/ Painting
- Skill of Playing musical instrument Food Shef
- Handicraft.

Learning Outcomes: After completion of this course students would able to:

- Develop skills of role playing and acting.
- Acquire the knowledge and develop skill of arts, painting and playing musical Instruments.

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- Vatsyayan, K. (1977). *Classical India Dance in Literature and the Arts*. New Delhi: Sangeet Natak Akademi.

SEMESTER - III

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BECU8306T	Critical Understanding of ICT (EPC-II)	CC	4	50	50	100

Objectives:

- To explain the concept of ICT in education.
- To develop skills in using MS Office applications for education.
- To use internet efficiently to access information and communicate with others.
- To understand the applications of E-learning in education.

Course Contents:

Unit -I Computer Fundamentals:


- General awareness about functioning of Computer
- Characteristics and uses of computer
- Block diagram of computer
- Classification of computer
- Concept of hardware and software
- Input/output devices keyboard, mouse, monitor, printer
- Storage devices (Secondary) Hard Disk, Floppy disk, CD-ROM, ZIP
- Computer memory and its units-RAM, ROM, bit and byte

Unit-II Operating System

- Basic features of Windows
- MS Office
- (a) MS- word Text management
- (b) Power Point (Preparation of Slide)
- (c) MS-Excel- To support Database and Graphics Learning

Unit - III Internet and Multimedia:

- E-mail, Chat
- Searching, Downloading and Uploading


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- Multimedia and its Education Uses.
- Mobile Banking

Unit - IV Computer as teaching machine:

- Computer Aided Instruction (CAI)-Concept and modes
- Concept of other terms like CMI (Computer Managed Instructions)

Assignment & Practical Works: (Any Two):

- Prepare one Assignment Work on any topic related to above units.
- Prepare power point presentation on Any one topics related to School content/ B.Ed. Syallbus.

Learning Outcomes: After completion of this course students would able to:

- Explain the concept of ICT in education.
- Develop skills in using MS Office applications for education.
- Use internet efficiently to access information and communicate with others.
- Understand the applications of E-learning in education.

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SEMESTER - III

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEPW8307I	Practical Work	CC	2	50	--	50

S.N.	Practical Work	Maximum Mark
1	Micro Teaching	10 Marks
2	Demonstration Lesson	10 Marks
3	Book Review	10 Marks
4	Unit Plan	05 Marks
5	Blue Print	05 Marks
6	Digital Lesson Plan (Each Method)	10 Marks
Total		50 Marks

Guidelines for the Practical Work

➤ **Micro Teaching (any Five Skills)**

1. Skill of Introduction
2. Skill of Questioning
3. Skill of Exemplifying
4. Stimulus-Variation Skill
5. Black-Board Writing Skill

➤ **Book Review**

(Except School text books) Selection, Deep Reading, Evaluation, Assessment and Report Writing for Submission (Any One).

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	CIA	Theory	Total
24BEHI8401T	Hindi	Pedagogy of a school subject	4	30	70	100

Objectives:

- भाषा सरंचना में हिन्दी भाषा तत्वों का ज्ञान प्रदान करना।
- श्रवण, भाषण, वाचन एवं लेखन सम्बन्धी भाषायी कौशलों का ज्ञान देना।
- मध्यमिक स्तर के निर्धारित पाठ्यक्रम एवं पाठ्यपुस्तक का विश्लेषण समीक्षा एवं कुशलता का विकास कराना।
- ईकाई, दैनिक व सूक्ष्म पाठ योजनाओं के महत्त्व से अवगत कराना व निर्माण का ज्ञान कराना।
- हिन्दी भाषा के वैज्ञानिक स्वरूपों और कौशलों का ज्ञान कराना।
- हिन्दी भाषा की विभिन्न विधाओं एवं उनके व्यावहारिक शिक्षण पाठ योजनाओं का ज्ञान कराना।
- प्रश्न पत्र के निर्माण का ज्ञान देना।
- निदानात्मक एवं उपचारात्मक परीक्षण स्वरूप, महत्त्व एवं उपयोग का ज्ञान देना।
- मातृभाषा एवं राष्ट्रभाषा के रूप में हिन्दी की स्थिति से अवगत कराना।

विषय वस्तु :

इकाई : प्रथम – भाषा के विविध स्वरूप एवं सामान्य अवबोध

- (अ) मातृभाषा, राष्ट्रभाषा के रूप में हिन्दी शिक्षण की स्थिति
- (ब) मातृभाषा शिक्षण के उद्देश्य एवं सिद्धान्त
- (स) हिन्दी शिक्षण में पुस्तकालय एवं वाचनालय का महत्त्व
- (द) पाठ्यपुस्तक का अर्थ, परिभाषा, अच्छी पाठ्यपुस्तक के गुण-दोष

इकाई : द्वितीय – भाषा का वैज्ञानिक स्वरूप तथा कौशलों के विकास हेतु निम्नांकित पक्षों के स्वरूप का शिक्षण

- (अ) वर्ण विचार, शब्द विचार, वाक्य विचार
- (ब) श्रवण, उच्चारण एवं वर्तनी
- (स) वाचन (सस्वर एवं मौन वाचन),
- (द) अभिव्यक्ति (लिखित एवं मौखिक)

इकाई – तृतीय – हिन्दी शिक्षण में विभिन्न विधाओं का शिक्षण एवं मूल्यांकन

- (अ) गद्य शिक्षण, पद्य शिक्षण, व्याकरण शिक्षण
- (ब) रचना शिक्षण (पत्र, निबन्ध, कहानी)
- (स) विभिन्न विधाओं पर पाठ योजना निर्माण
- (द) इकाई योजना एवं नील पत्र निर्माण
- (य) मूल्यांकन (सम्प्रत्यय, पाठान्तर्गत एवं पाठोपरान्त मूल्यांकन)

इकाई – चतुर्थ – हिन्दी शिक्षण की विभिन्न विधियों का अध्ययन

- (अ) अभिक्रमित अनुदेशन विधि
- (ब) आगमन-निगमन विधि
- (स) दल शिक्षण
- (द) हरबर्टीय पद्धति
- (य) प्रायोजना विधि

(र) पर्यवेक्षित तथा निर्देशित स्वाध्याय विधि

सत्रीय कार्य : (किसी दो विषय पर)

- भाषा शिक्षण सम्बन्धी समस्याओं का चयन तथा उसके समाधान का उपाय खोजना।
- हिन्दी शिक्षण में सत्रीय प्रपत्र अथवा प्रश्न पत्र हल करना।
- माध्यमिक स्तर की पाठ्यपुस्तक अथवा किन्हीं दो विशिष्ट लेखों की समीक्षा करना।
- किन्हीं पाँच विद्यार्थियों की लेखन सम्बन्धी अशुद्धियों का निदान एवं उपचार (कक्षा 8 से 10वीं)।
- हिन्दी विषय की किसी भी विद्या पर पी.पी.टी. पर पाठयोजना तैयार करवाना।

Learning Outcomes:

- भाषा संरचना में हिन्दी भाषा तत्त्वों का ज्ञान प्राप्त कर सकेंगे।
- श्रवण, भाषण, वाचन एवं लेखन सम्बन्धी भाषायी कौशलों को प्राप्त कर सकेंगे।
- माध्यमिक स्तर के निर्धारित पाठ्यक्रम एवं पाठ्यपुस्तक का विश्लेषण समीक्षा एवं कुशलता का विकास कर सकेंगे।
- इकाई, दैनिक व सूक्ष्म पाठ योजनाओं के महत्त्व से अवगत कराना व निर्माण का ज्ञान प्राप्त कर सकेंगे।
- हिन्दी भाषा के वैज्ञानिक स्वरूपों और कौशलों का ज्ञान प्राप्त कर सकेंगे।
- हिन्दी भाषा की विभिन्न विद्याओं एवं उनके व्यावहारिक शिक्षण पाठ योजनाओं का ज्ञान प्राप्त कर सकेंगे।
- प्रश्न पत्र के निर्माण का ज्ञान प्राप्त कर सकेंगे।
- निदानात्मक एवं उपचारात्मक परीक्षण स्वरूप, महत्त्व एवं उपयोग का ज्ञान प्राप्त कर सकेंगे।
- मातृभाषा एवं राष्ट्रभाषा के रूप में हिन्दी की स्थिति से अवगत हो सकेंगे।

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- कक्षा 6 से 12 वी तक की एन.सी.ई.आर.टी. की हिन्दी विषय की विभिन्न पाठ्यपुस्तकें।
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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A	Theory	Total
24BEEN8402T	English	Pedagogy of a school subject	4	30	70	100

Objectives:

- To know about various basics of grammar.
- To explain the place of English language in India.
- To describe English as a Second language in the multi-lingual country like India. To explain different methods of teaching English.
- To develop the lesson and its planning.
- To apply different teaching skills in the class room.

Course contents:

Unit- I Basic English Grammar & it's Application:

- Parts of speech sentence pattern,
- Types Tense and verb patterns Preposition
- Voice change

Unit-II Place, importance and objectives of English as a second language:-

- Importance of English language: comprehension of English and mother tongue based learning. Position of English: Pre & post Independence in India.
- Status of English in Indian school curriculum Second language
- First language
- English language teaching: problems & issues Library language
- Window on the world Medium of instruction
- Aims and objectives teaching English at different levels.

Unit- III Methods, Approaches and Strategies and Lesson Planning:

- Grammar-cum-Translation method
- Direct method, Audio-lingual and Bilingual method Structural approach and Communicative approach Collaborative learning and Dramatization.
- Unit plan and Micro plan, Lesson planning, Blue print and Achievement test

Unit- IV Developing Language skill and Lesson Planning:

- Teaching Prose, Poetry, Story and Grammar.
- Strategies of Teaching Skill: Listening, Reading, Speaking and Writing.
- Supplementary skills: Reference Skill (e.g. using Dictionaries, Thesaurus, and Encyclopedias) Concept Mapping

Assignment & Practical Works: (Any Two)

- List of structural items included in the text book at the secondary stage. Preparation of 5 word cards,

5 Picture cards and 5 puzzles.

- Enlist 50 innovative words with lexical interpretation. Prepare an audio/video recording for English Pronunciation

Learning Outcomes:

- After completion of this course students would able to: Know about various basic application of grammar
- Explain the place of English language in India.
- Describe English as a Second language in the multi -lingual country like India. Explain different methods of teaching English.
- Apply different teaching skills in the class room.
- Lesson plan, micro lesson plan, TLM (Teaching Learning Materials) for teaching English as a second Language.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BESA8403T	Sanskrit	Pedagogy of a School Subject	4	30	70	100

Objectives:

- माध्यमिक स्तर के शिक्षकों में संस्कृत भाषा संबंधी व्याकरण की जानकारी एवं उनके प्रयोग की दक्षता का विकास करना।
- तृतीय भाषा शिक्षण के आधारभूत सिद्धान्तों का विकास करना।
- संस्कृत शिक्षण के उद्देश्यों का निर्धारण एवं व्यावहारिक परिवर्तन हेतु प्रयास करना।
- संस्कृत भाषा के विभिन्न कौशलों का पृथक एवं समन्वित शिक्षण का विकास करना।

- विभिन्न विद्याओं के सफल अध्यापन हेतु विभिन्न विधियों का प्रयोग करना।
- संस्कृत भाषा शिक्षण में दृश्य-श्रव्य सामग्री का निर्माण एवं शिक्षण में प्रयोग करना।
- संस्कृत शिक्षण के मूल्यांकन हेतु प्रश्नपत्र निर्माण करना एवं कौशलाधारित परीक्षण करना।
- संस्कृत भाषायी दक्षता में होने वाली अशुद्धियों का कौशलानुसार निदान करना।

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विषय वस्तु :

इकाई – प्रथम – संस्कृत शिक्षण के सिद्धान्त, कौशल व उद्देश्य

- (अ) संस्कृत भाषा शिक्षण का महत्त्व एवं उपयोगिता
- (ब) संस्कृत शिक्षण के सिद्धान्त एवं सूत्र
- (स) संस्कृत शिक्षण के उद्देश्य एवं अपेक्षित व्यवहारगत परिवर्तन
- (द) भाषायी कौशल शिक्षण – श्रवण, कथन, पठन एवं लेखन
- (य) संस्कृत शिक्षण में दृश्य-श्रव्य सामग्री

इकाई – द्वितीय – व्याकरण का सामान्य ज्ञान

- (अ) शब्द रूप – अकारान्त, इकारान्त, उकारान्त
- (ब) धातु रूप – भू, पठ्, हस्, पा, गम्, सेव्, कथ्, लभ् (लट्, लोट्, लङ्, लृट्, विधिलिङ्, लकारों में)
- (स) संधि –
 - अच् सन्धि – इकोयणचि, एचोऽयवायावः, अकः सवर्णे दीर्घः, आदगुणः वृद्धिरेचि
 - हल् सन्धि – स्तोः श्चुनोश्चुः, झलां जशोऽन्ते, यरोऽनुनासिको वा, तोर्लिः
 - विसर्ग सन्धि – ससजुषोरुः, हशि च, रो रि, विसर्जनीयस्य सः

- (द) समास – अवयवीभाव समास, तत्पुरुष समास, कर्मधारय समास, द्विगु समास, द्वन्द्व समास, बहुब्रिहि समास, इनका सामान्य परिचय एवं समास विग्रह

इकाई – तृतीय – संस्कृत शिक्षण की विभिन्न विद्याओं का अध्ययन एवं पाठयोजनाएँ

- (अ) गद्य शिक्षण
- (ब) पद्य शिक्षण
- (स) व्याकरण शिक्षण
- (द) रचना शिक्षण (पत्र, निबन्ध, कहानी)

इकाई – चतुर्थ – संस्कृत शिक्षण की विधियों का अध्ययन एवं मूल्यांकन

- (अ) संस्कृत शिक्षण की विधियों का अध्ययन
 - प्रत्यक्ष विधि
 - संग्रन्थन विधि
 - आगमन निगमन विधि
 - विश्लेषणात्मक विधि
 - अनुवाद विधि/भण्डारकर विधि

(ब) इकाई योजना

(स) ब्लू प्रिंट एवं प्रश्न पत्र निर्माण

सत्रीय कार्य : (किसी दो विषय पर)

- माध्यमिक स्तर की संस्कृत पाठ्यपुस्तक की समीक्षा करना।
- किसी एक वर्ष का प्रश्नपत्र हल करना।
- किसी एक विद्या पर शैक्षिक पाठ्यक्रम का आलेखन।
- रचना पाठ के लिए पाँच चित्रों का निर्माण।
- उच्चारण सुधार हेतु पाँच अभ्यास तालिकाओं का निर्माण।
- संग्रन्थन विधि पर पाठयोजना तैयार करना।

Learning Outcomes:

- माध्यमिक स्तर के शिक्षकों में संस्कृत भाषा संबंधी व्याकरण की जानकारी एवं उनके प्रयोग की दक्षता का विकास कर सकेंगे।
- तृतीय भाषा शिक्षण के आधारभूत सिद्धान्तों का विकास कर सकेंगे।
- संस्कृत शिक्षण के उद्देश्यों का निर्धारण एवं व्यावहारिक परिवर्तन हेतु प्रयास कर सकेंगे।
- संस्कृत भाषा के विभिन्न कौशलों का पृथक एवं समन्वित शिक्षण का विकास कर सकेंगे।
- विभिन्न विद्याओं के सफल अध्यापन हेतु विभिन्न विधियों का प्रयोग कर सकेंगे।
- संस्कृत भाषा शिक्षण में श्रव्य-दृश्य सामग्री का निर्माण एवं शिक्षण में प्रयोग कर सकेंगे।
- संस्कृत शिक्षण के मूल्यांकन हेतु प्रश्नपत्र निर्माण करना एवं कौशलाधारित परीक्षण कर सकेंगे।
- संस्कृत भाषायी दक्षता में होने वाली अशुद्धियों का कौशलानुसार निदान कर सकेंगे।

संदर्भ ग्रन्थ सूची :

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEUR8404T	Urdu	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To enable the Pupil teacher to-
- knowledge of mother tongue and to familiarize with the appropriate terminology. working knowledge of grammatical system in Urdu.
- write in an appropriate manner for a particular purpose with a particular audience in mind.
- teaching and principles of translation.
- observation and demonstration of teaching skills.
- writing habit and skill to explain various methods of writing and to expose their difference. awareness of formation of good sentences.
- awareness with the method of teaching language differently.

Course contents:

UNIT-I: Role and importance of urdu language:

- Nature of Urdu Language
- Urdu as language of knowledge
- Urdu as a first, second and third language
- Urdu as Mother tongue and school language, Importance of Urdu language in curriculum.

UNIT-II: Aims And Objectives Of Urdu Language Pedagogy

- Aims and objectives of pedagogy of Urdu Language at different levels.
- difference between Urdu language as a school subject and language as a medium of instruction and communication,
- Methods of Urdu Language Teaching; Grammar cum translation method, Direct method, Natural method, Communicative approach
- General Principles and maxims of Urdu teaching.

UNIT-III: Lesson Planning And Its Teaching- Learning Materials:

- Lesson planning- : Basic elements, characteristics, approaches (Herbartian, R .C.E.M, BLOOMS, N.C.E.R.T) and significance. Year and Unit planning in Urdu teaching.
- Lesson plan of Prose, Poetry and Grammar in Urdu teaching. Micro teaching skills.

UNIT-IV Assessment & Evaluation:

- Audio-visual aids and their importance in Urdu teaching and co-curricular activities.
- Development of following linguistic skills: Listening and understanding, Speaking, Reading, Writing in Urdu language
- Evaluation of integrated lesson plan in Urdu language
- Purpose, Types, Characteristics, Techniques and Tools of Evaluation, (CCE, Grading system, CBCS) Construction of Achievement test in Urdu language
- Diagnostic Evaluation, Remedial teaching in Urdu language.

Assignment & Practical Works: (Any Two)

- List of structural items included in the text book at the secondary stage. Preparation of 5 word cards, 5 Picture cards and 5 puzzles.
- Enlist 50 innovative words with lexical interpretation. Prepare an audio/video recording for Urdu Pronunciation

Learning outcomes: The Pupil teachers will be able to:

- understand the need and importance of Urdu Language develop proficiency in the Urdu Language
- be Familiar with the psycholinguistics and sociolinguistics aspects of Urdu Language use technology to enrich Urdu Language Teaching
- be aware of the pedagogical practices required for teaching Urdu as Language encourage continuous professional development in Urdu Language
- develop an appreciation the role of Urdu Language in both academic and Social Life.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEHT8405T	History	Pedagogy of a School Subject	4	30	70	100

Objectives:

- To understand the aim and objectives of teaching history at different levels of the secondary stage.
- To apply different approach to organize history
- To understand the types of evaluation of teaching history
- To develop classroom skills to apply different methods and approaches of teaching history at the secondary stage.
- To develop the skill to plan for instruction and the instructional support materials. To develop the skill related to diagnostic testing and remedial teaching.

Course Contents:

Unit- I Meaning, Nature and Curriculum of Teaching History:

- Concept and Objective of Teaching History of the Secondary Stage. Correlation of History with other school subject.
- Principle of Curriculum Teaching History.
- Different Approach to Organizing History Curriculum, Chronological , Biographical, Topical , Concentric.

Unit- II Methods and planning in Teaching History:

- Lesson plan and Unit plan
- Story Telling, Biographical, Source, Time-line, Supervised, and Project Method History Teacher-professional growth in change's
- Teaching Aids- meaning, Type's and importance

Unit- III Evaluation of Teaching History:

- Concept of Evaluation
- Purpose of Evaluation in Teaching History
- Types of Evaluation (Essay Types, short Answer Types and Objective Types) Blue-Print & Construction of Achievement Test in History

Unit- IV Innovative Methods in Teaching History:

- Programmed instruction method. Team-Teaching
- Panel discussion Field trip

Assignment & Practical Works: (Any Two):

- Historical study of a place of Local Important An Essay on any current Issue
- Critical Appraisal of any of the History Text books Prescribed for the Secondary level Preparing a Scrap-book on Any one aspect of History and Culture
- Report writing of a freedom fighter/Social work and the Historical Personality of 20th Century at your locality based on interview
- One Assignment Workon any topic related with above Unit.

Learning Outcomes: After completion of this course students would able to:

- Understand the nature, scope and importance of learning history at secondary.
- Explain aim and objectives of teaching history at different levels of the secondary stage. Develop knowledge about the basic principles governing the construction of history curriculum and develop the ability history curriculum
- Organize Co-curricular activities and community resources for promoting history learning. Develop classroom skills needs for applying different methods and approaches of teaching history at the secondary stage.
- Understand the skill to plan for instruction and the instructional support , materials. Develop the skill needed for diagnostic testing and remedial teaching.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BECI8406T	Civics	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To explain the role of civics to promote International Understanding.
- To understand Planning-Annual Plan, Unit Plan, & Daily Lesson Plan.
- To prepare different methods of teaching civics.
- To apply various Fundamental Principal of Formulation Curriculum in Civics
- To develop competencies related to teaching of civics.

Course Contents:

Unit- I Theoretical Perspective of Civics Teaching:

- Meaning & Development of Civics.
- Nature, Scope & Developing Critical Thinking about Civics. Role of Civics in Promoting International Understanding.
- Aims & Objectives of Civics Teaching at Different Levels - Primary, Upper Primary. Secondary & High Secondary.

Unit- II Planning of Teaching & Evaluation:

- Planning-annual Plan, Unit Plan, & Daily Lesson Plan. Audio Visual Aids.
- Innovation
- Evaluation (different types of test, setting, question paper, blue print, scoring key).

Unit- III Methods of Teaching in Civics:

- Lecture Method Project Method
- Problem Solving Method Programme Learning Team Teaching
- Discussion Method, Demonstration

Unit- IV Curriculum Planning & Activities

- Selection & Organization Content at Various Levels
- Fundamental Principal of Formulation Curriculum in Civics
- Characteristics of a good Text Book
- Planning a Civics Studies Room

Assignment & Practical Works: (Any Two)

- Write an essay on any political problem.
- A critical study of Any one aspect of the constitution or one of its amendments.
- Make five different teaching materials using different type of teaching aids:
- Make charts on fundamental rights & duties. Prepare a scrap book on any political issue

Learning Outcomes: After completion of this course students would able to:

- Understand the role of civics.
- Understand the Planning of teaching & Evaluation.
- Prepare Fundamental Principal of Formulation Curriculum.

Develop competencies in teaching of civics:

References :

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SEMESTER IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BESS8407T	Social Studies	Pedagogy Of a School Subject	4	30	70	100

Objectives:

- To enable the students to understand the meaning of social science and correlate with modern social science .
- To understand the different approaches and organizing Social Science To prepare students for panel discussion , seminar and workshop
- To enable the student – teacher to critically examine the social science syllabus and text books. To develop the classroom skills and use of techniques for teaching of social science.
- To develop the ability to organize co-curricular activities and utilize community resources for promoting social science learning.

Course Contents:

Unit -I An Overview of Social Science:

- Social Science: concept, nature and scope
- Relationship of Social Science with other School Subjects (History, Sociology, Political

- Science Economics,
- Mathematics, Science and Technology)
- Need and Importance of Teaching in Social Science
- Objectives of Teaching in Social Science at School Level: Elementary Level, Secondary Level

Unit -II Social Science Curriculum Principles of Designing a Good Curriculum and Planning in Social Science Teaching:

- Different Approaches to Organizing Social Science Chronological
- Biographical Concentric
- Characteristics of Good Text Book Planning a Social science Room
- Social Studies Teacher – Quality, Functions and Professional Growth of Social Science Teacher
- Planning for Teacher of Social science Annual plan
- Unit plan Lesson plan

Unit - III Methods of Teaching Social Science:

- Story telling, Biographical, Socialized Recitation, Source method, Problem solving Method, Project method.
- Team Teaching
- Panel Discussion , Seminar and Workshop Field Trips
- Programmed Instruction

Unit - IV Use of Instruction Material and Evaluation in the Social Science:

- Audio- Visual Equipment :- Use of Slide Projector OHP, Epidiascope, Television and Computer.
- Teaching Aids of Various kinds, their Effective Use in Class Room (Models, Black-board, Map, Graphs, Time Chart , Films, Coins and Puppet .
- Concept, Importance and Purpose of Evaluation in Social Studies. Construction of Blue Print and Achievement Test in Social Science

Assignment & Practical Works: (Any Two):

- Studying historical monuments available locally and writing report on it Prepare a scrape book on any social issue
- Studying any social problem and write a report of the same
- Two abstracts of articles published in news papers journal on currents social issues Assignment Workany two topic
- Prepare a lesson plan using local/ community resources as teaching aids (fair, festival ,person, place etc.)
- Construction , administration and interpretation an achievement test of any ;standard of school Make 2 different teaching materials using different type of teaching (e.i. Charts, at as model & power point etc) at school social science subjek
- Write film script

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Learning Outcomes: After completion of this course students would able to:

- Understand the need for learning social science .
- Understand the place of social science in the secondary school curriculum.
- Develop the skills in student – teachers to select and apply appropriate methods and evaluate social science.
- Critically examine the social science syllabus and text books. Develop the classroom skills needed for teaching of social science.
- Develop the ability to organize co-curriculum activity and utilize community resources for promoting social science learning.
- Acquire the ability to develop instructional support materials. Review the text –book of social science (secondary level).

References:

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEEC8408T	Economics	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To help the students to acquire the basic understanding in the field of Economics.
- To enable the student teachers to understand the aims and objectives of teaching Economics at the secondary school stage.
- To develop the ability, to evaluate the present curriculum in Economics at the secondary level. To develop the ability to organize group activities and projects in the subject.
- To develop the ability to use of various methods of teaching Economics.
- To enable the student to acquire necessary skills for the use and preparation of teaching aids and instructional material in Economics.
- To develop in the students appropriate attitudes towards the country's Economy.
- To develop in the student an adequate sense of awareness about Economic issues of the country and an out-look of problem solving through analysis and application of the theory of Economics.
- To develop competence in framing objective based achievement and diagnostic test, their administration and their scoring and drawing conclusions there of. 10.To develop in the students

an ability to conduct various surveys in Economics and organize field trips.

- To enable the student-teachers to prepare unit plan, lesson plan and related teaching learning strategies.
- To enable the student teachers to review the text book of Economics.

Course Contents:

UNIT-I Concept of Economics:

- The Place of Economics in School Curriculum.
- Aims and Objectives of Teaching Economics at the Secondary Level
- Instructional Objectives, Behavioural Objectives, Measurable and Non-measurable Objectives, Behavioural Statements of Objectives for Various Learning Points and Lessons.

UNIT-II Principle of Curriculum Planning:

- Principles and Approaches to Framing Syllabus and its Critical Appraisal at Secondary Level. Curriculum Planning and Activities.
- Evaluation of Text-books in Economics at the School Level:
- Criteria of Good Text-book
- Assignments, Exercises, Glossary and Summary in the Text Maxims and Principles of Class-room Teaching.
- Class-room Observation.

UNIT-III Planning and Methods of Teaching Economics:

- Lecture Method.
- Project and Problem Solving Method. Discussion Method.
- Inductive and Deductive Method. Unit and Daily Lesson Plannings Teacher's Role and Attitude.

UNIT-IV Instruction Material and Evaluation in Economics:

- Black-board, Maps. Graphs, Slides & Transparency, Audio-visual Aids, Slide Projector, Overhead Projector, LCD etc.
- Importance and Concept of Evaluations,
- Evaluation Devices- Essay type. Short answer Type and Objectives Type Test. Blu Print
- Preparation, Administration and Scoring of Unit Test.

Assignment & Practical Works: (Any Two):

- Preparation of two teaching aids related to subject. (PPT Transparency)
- Review of two published papers related to subject. □□
- Review of a text-book at school level.
- Learning Outcomes: After completion of this course students would able to: Explain the basic of Economics.
- Understand the aims and objectives of teaching Economics at the secondary school stage.
- Develop the ability, to evaluate the present curriculum in Economics at the secondary level.
- Organize group activities and projects in the subject.
- Use of various methods of teaching Economics.
- Acquire necessary skills for the use and preparation of teaching aids and instructional material in Economics.
- Appropriate attitudes towards the country's Economy.

- Adequate sense of awareness about Economic issues of the country and an out-look of problem solving through analysis and application of the theory of Economics.
- Framing objective based achievement and diagnostic test, their administration and their scoring and drawing conclusions there of.
- Prepare unit plan, lesson plan and related teaching learning strategies. Review the text book of Economics.

References:

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEGE8409T	Geography	Pedagogy of a School Subject	4	30	70	100

Objectives:

- To understand the modern concept of Geography.
- To prepare yearly plan, unit plan, lesson plan for different classes.
- To prepare maps and charts to illustrate the content of different classes and use them effectively.
- To critically evaluate the existing school syllabus and review the text book of Geography.
- To apply appropriate method and techniques of teaching to particular topics at different levels. To arrange field trips and local surveys.

Course Contents:

Unit- I Concept and Objectives:

- Development of Geography, Modern concept and new trends of Geography. Its place in schools curriculum.

- Its importance in day to day life and International understanding Correlation of Geography with other school subjects.
- Teaching objectives of Geography at different levels- Primary, Upper Primary secondary and Higher Secondary.

UNIT- II Curriculum planning in Geography:

- Principles of curriculum construction in Geography and its critical appraisal
- Basic Principles for selection and organization of content according to learners level.
- Co-curricular activities in Geography, study of home region, Organization of field trips and excursion, Geography museum and library.
- Evaluation of text book in Geography.

UNIT- III Methods, Planning for Teaching and Role of Teacher:

- Annual plan, Unit plan methods, Daily lesson plan
- Story telling, Regional Method, Demonstration method, laboratory, inductive and Deductive method. Descriptive and Comparative method (Problem Solving, project and Supervised study method). Approaches- Field trips, visit labs, use of local resources in teaching of Geography.
- Qualities, Role and professional growth of Geography teacher

UNIT-IV Use of Instructional Material and Evaluation in Geography:

- Audio-Visual Equipment:- use of Slide Projector, OHP, Epidiascope, Television and computer in Geography
- Teaching aids of Various kinds. Their effective use in class room (Models maps, pictures, sketches, diagrams, film, film strips. Atlas, Slides transparencies etc., Geography room/laboratory. Importance of lab work, equipment and apparatus.
- Evaluation of achievements in Geography. Construction of achievement test.
- Different types of tests, their merits and limitations, (Essay type. short, answer and objective type.)
- Blue- Print, preparation of question paper and item analysis.

Assignment & Practical Works: (Any Two):

- Prepare a scrap book on Geographical articles and news. Preparation of maps, charts and models for physical Geography Develop some lesson plan based on new methods and approaches.
- Write one or two article or abstract related to the current issues of Geography Critical appraisal of geography syllabus at secondary level.
- Construction of objective type test items.
- Collection of news paper cuttings related to Geographical issues.
- Prepare a bibliography of reference books on the topics prescribed in Geography syllabus. Practical demonstration of the ability to use some weather instruments.
- Prepare a report on visit to some place of Geographical interest.

Learning Outcomes: After completion of this course students would able to:

- Understand the modern concept of Geography and its correlation with other school subjects. Explain co-curriculum activities in geography.
- Prepare various teaching plans. Explain different teaching aids.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEHS8410T	Home Science	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To understand the Concept, Nature and Scope of Home science.
- To provide knowledge related to pedagogical concept like aims, objectives, approaches, methods, blue print and assessment.
- To stimulate curiosity and creativity for application of different methods according to learning situations.
- To develop attitude towards skill development, application of new trends and use of information technology to enhance productivity of teaching.

Course Contents:

Unit- I Theoretical Perspective of Home Science:

- Concept, Nature and Scope of Home science
- Correlation of Home science with other school subjects in context of resolving problems related to family and community
- Vocational skill Development through Home science teaching Aims and objectives of Home science teaching

Unit- II Planning, Curriculum & Evaluation:

- Planning : Concept, Types and Significance
- Criteria of Curriculum Development : Individualized, Interdisciplinary and Special issue oriented
- E- resources in Home science : Fashion blog, Nutritional remedies, Blogs, Specific institute related to textile, designing & health
- Co- curricular activities : Group Discussion, Exhibition, Excursion etc
- Blue print construction, Continuous & Comprehensive Evaluation in Home science

Unit- III Approaches and methods: Concept, Process, Scope and limitations:

- Constructivist approach
- Problem solving method Project method Experimental method
- Dalton method and Dramatization

Unit- IV Measurement and Evaluation:

- Concept of Measurement and Evaluation Criteria of good Evaluation
- Preparation of Blue Print
- Diagnostic test and Remedial learning material Continuous and Comprehensive Evaluation

Assignment & Practical Works: (Any Two):

- Prepare a survey report for vocational skill development through Home science at college level
- Experimental works in food/clothing/textiles/household gadgets in context of teaching and learning
- Visit to Health centre/ Community service centre/ schools/ colleges/ NGO and prepare a file with report
- Construct a project related to recent problem in local area
- Develop a diagnostic test for students and plan remedial works for them
- Prepare two lesson plan based on Constructivist/ experimental approach for students

Learning Outcomes: After completion of this course students would able to:

- Organize co-curricular activities like Group Discussion, Exhibition, Excursion etc. at school level.
- Stimulate curiosity and creativity for application of different methods according to learning situations.
- Develop attitude towards skill development, application of new trends and use of information technology
- to enhance productivity of teaching.
- Analyze school syllabus of the subject in relation to its applicability in local situations

References:

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BECH8411T	Chemistry	Pedagogy of a School Subject	4	30	70	100

Objectives:

- To develop a broad understanding of the principles and procedures used in modern science specially in chemistry.
- To develop essential skill for practising modern science education. To understand aims and objectives of chemistry.
- To gain ability for critically evaluate the existing syllabus of science. To prepare achievement test and diagnostic test.
- To enable him to organize co-curricular activities related to science.
- To appreciate the contribution of world scientist in connection with historical development of chemistry.

Course Contents:

UNIT-I Nature and Scope:

- Nature of Science and Chemistry, Importance of Chemistry in Daily Life, Correlation of Chemistry with Other Subjects
- Values of Teaching Chemistry Scientific Attitude, Scientific Literacy
- Eminent World Scientist in the Area of Chemistry Like Dalton, Einstein, Neil Borh, Rutherford, Marry Quarry.
- Globalisation and Chemistry

UNIT-II Curriculum Planning and Activities:

- Place of Chemistry in School Curriculum, Principles of Developing Chemistry Curriculum Modern Trends in Chemistry Curriculum, Reading Material-Text Book, Journal, Handbook, Science Library.
- Critical Appraisal of Syllabus of Science with Reference to Chemistry Prescribed by State Board of Secondary Education.

UNIT-III Methods and Approaches of Teaching:

- Lecture cum Demonstration Method (Inductive and deductive method), Project Method, Scientific Method, Heuristic Method.
- Panel Discussion. Seminars and Workshop Laboratory Method.
- Teaching aid-Bulletin Board, Flannel Board, Filmstrips, Transparency, OHP, Direct Projector LCD Panel, Non-formal Approaches- field trips.
- Laboratory- Lay out Plans, Equipments, Furniture, Maintenance of Records, Repair, Care and Improvisation of Apparatus, Safety measures in Laboratory.

UNIT-IV: Planning for Teaching and Role of Teachers

- Annual Plan, Content analysis, Pedagogical Analysis

- Inquiry Model of Teaching Lesson Plan and Level Plan Piagian and Brunerian Approach- Behaviourist Contribution
- Evaluation - Criteria of good Evaluation Concept of Evaluation, Types of Test Items : Objective,
- Short Answer, Essay Type, their Merits and Demerits, Blue Print for a Unit Test Achievement and Diagnostic Test

Assignment & Practical Works: (Any Two):

- Make a list of practicals related to secondary science curriculum Essay related to any topic of the paper
- Make a list of local resources useful in teaching chemistry to the students of Secondary class
- Make a visit any senior secondary science laboratory of a school and prepare a report.
- Make a presentation based on any above topic.
- Learning Outcomes: After completion of this course students would able to: Understanding Importance of Chemistry and correlate it with other subjects Acquient with the Modern Trends in Chemistry.
- Gain ability for critically evaluate the existing syllabus of science. Prepare achievement test and diagnostic test.
- Organize co-curricular activities related to science.

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Semester-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEPH8412T	Physics	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To appreciate the contribution of eminent physicist in connection with the development of the subject.
- To familiar with the aims and objective of the subject in relation to the present need of the society and educational policies of India.

- To plan curriculum at the secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situation.
- To develop scientific attitude and provide training in scientific method to their student. To write objectives in behavioural term content analysis and content mapping .
- To develop yearly plan, unit plan and lesson plan.
- To plan, equip and organize physics practical in the laboratory.
- To use various methods with appropriateness of content, level and classroom situation. To prepare test paper for theory and practical work.

Course Contents:

Unit- I Nature Scope & Curriculum:

- Nature of science and physics, major milestones in the development of physics
- Aims, objectives and values of teaching physics at secondary and senior secondary level Concept of curriculum place of physics in secondary/sr. secondary level curriculum, selection and organization of content and experience
- Correlation of physics with other school subjects and its role in daily life
- Critical appraisal of the prescribed syllabus of physics (at senior secondary, secondary level of Rajasthan and CBSE board)

Unit- II Planning for Instruction and Role of Teachers:

- Writing of objectives in behavioural terms, content analysis. Developing yearly, unit and daily lesson plan.
- Teachers role in training students in scientific method and in development of scientific attitude.
- Qualities, responsibilities and professional growth of physics teacher. Creativity among students.

Unit- III Methods and Approaches of Teaching in Physics:

- Demonstration method, Heuristic method, Inductive-Deductive method.
- Laboratory method, Project method, problem solving method, assignment method.
- Multi sensory aids in teaching of physics like chart, model modern electronic resources like; LCD projector, OHP and ICT
- Co-curricular activities like science club, science fairs and field trip.
- Role of state and national level institutes and laboratories(DST, ISRO, solar observatories etc.) in promoting science education.

Unit- IV Evaluation:

- Types of test items.
- Construction of various test items.
- Preparation of blue print and achievement test.
- Diagnosis and remedial teaching in physics, enrichment material.
- Evaluation and practical work in physics.

Assignment & Practical Works: (Any Two):

- Planning of an out of class activity to use local environment to teach physics. Life sketch of any two modern physicists.

- Essay related to a topic prescribed in the paper .
- Case study of Any one senior secondary lab of physics.
- Conducting and reporting three experiments useful at secondary level. Description of design of any improvised apparatus.

Learning Outcomes: After completion of this course students would able to:

- Appreciate the contribution of eminent physicist in connection with the development of the subject.
- Understand with the aims and objective of the subject in relation to the present need of the society and educational policies of India.
- Plan curriculum at the secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situation.
- Develop scientific attitude and provide training in scientific method to their student. Write objectives in behavioural term content analysis and content mapping
- Develop yearly plan, unit plan and lesson plan.
- Plan, equip and organize physics practical in the laboratory.
- Use various methods with appropriateness of content, level and classroom situation.

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1. Joshi S. R. (2005) Teaching of Science, APH Publishing Corporation, New Delhi.
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hiv
 Dy. Registrar
 Pandit Deendayal Upadhyaya
 Shekhawati University,
 Sikar(Rajasthan)

Semester-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEMH8413T	Mathematics	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To understand and appreciate the uses and significance of Mathematics in daily life
- To learn various approaches of teaching mathematics and use them judiciously.
- To know the methods of planning instruction for the classroom.
- To prepare curricular activities and organize the mathematics Laboratory.
- To appreciate and organize activities to develop aesthetics of mathematics.
- To give competence in teaching different mathematics topic effectively

Course Contents:

Unit- I Concept Meaning and Objectives of Mathematics:

- Concept, meaning and nature of mathematics History of mathematics
- Contribution of Indians and western mathematics. Aims and objectives of teaching mathematics
- Blooms taxonomy relating to the teaching objectives in mathematics (cognitive Affective, psychomotor domain)

Unit- II Methods and Approaches of Teaching in Mathematics:

- Inductive vs. Deductive Analytical vs. synthesis
- Heuristic, Project, drill, assignment and supervised study, Laboratory method. Lesson planning, Unit plan and Yearly plan for mathematics teaching.
- Audio visual teaching aids in mathematics (Chart, Model, OHP, LCD, ICT), Improvising Low cost teaching aids in mathematics.

Unit- III Planning for Instruction and Curriculum:

- Curriculum development principle for the secondary and senior secondary level. Teaching of Arithmetic, algebra and Geometry
- Text book in mathematics, Quality of good book in mathematics.
- Critically evaluation of existing mathematics syllabus prescribed by Rajasthan Board of Secondary Education and C.B.S.E. at different levels.
- Using mathematics as a game for recreation, organizing Quiz programmes, magic square, answering puzzle and reasoning.

Unit- IV Evaluation in Teaching in Mathematics:

- Academic testing – objective vs. subjective type test. Diagnostic evaluation in mathematics.
- Preparation of blue print and achievement test.
- Preparations of standardized vs. teacher made test in mathematics.
- Process of obtaining feedback and evaluation in mathematics in term of teaching objectives.

Assignment & Practical Works: (Any Two):

- Preparation of detailed plan about development of mathematics laboratory or mathematics club.
- Life sketch of any two Mathematicians.
- Essay related to a topic prescribed in above paper.
- Prepare a case study of slow learner in mathematics or gifted child in mathematics.
- Observation of mathematics classroom teaching in any secondary school and then prepare a diagnostic and remedial teaching plan.
- Learning Outcomes: After completion of this course students would able to: Understand and appreciate the uses and Significance of Mathematics in daily life Use various approaches of teaching mathamethics and use them judiciously.
- Understand the methods of planning instruction for the classroom. Prepare curricular activities and organize the mathematics Laboratory. Appreciate and organize activities to develop aesthetics of mathematics. Give competence in teaching different mathematics topic effectively

Learning Outcomes: After completion of this course students would able to:

- Appreciate the contribution of eminent mathematician in connection with the development of the subject.
- Understand with the aims and objective of the subject in relation to the present need of the society and educational policies of India.
- Plan curriculum at the secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situation.
- Develop scientific attitude and provide training in scientific method to their student. Write objectives in behavioural term content analysis and content mapping
- Develop yearly plan, unit plan and lesson plan.
- Plan, equip and organize maths practical in the laboratory.
- Use various methods with appropriateness of content, level and classroom situation.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEGS8414T	General Science	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To develop the knowledge about science and its nature.
- To acquire the knowledge about contribution of eminent Indian scientists.

- To aware about the aims, objectives and construction of curriculum.
- To develop understanding about co-curricular activities, methods of teaching and preparation of test paper.

Course Contents:

UNIT- I Concept and Nature of General Science:

- Science : concept, nature and scope Correlation of science with other subjects
- General Science and its importance in school curriculum.
- Inquiring influence of science on man and environment.
- Scientist and their professional achievement.

UNIT- II Aims Objectives and Curriculum:

- Writing aims and objectives in behavioural term.
- Developing yearly, unit and daily lesson plan.
- Principle of curriculum construction in General Science.
- Teachers role in training students in scientific method and scientific attitude.
- Professional growth of General Science teacher.

UNIT-III Methods of Teaching in General Science:

- Lecture method, Demonstration method
- Inductive-deductive method
- Project method, problem solving method Laboratory method,
- Assignment method
- Heuristic method

UNIT- IV Activities and Evaluation:

- Science laboratory
- Teaching aids in General science- OHP, LCD Projector , Television.
- Co curricular activities, Science club, Science fair
- Evaluation : concept and importance
- Preparation of blue print and test paper construction.

Assignment & Practical Works: (Any Two):

- Make a list of practicals related to secondary science curriculum.
- Essay related to one topic prescribe in the paper.
- Preparation of a comprehensive field trip to plan for a group of twenty students.
- Make a list of local resources useful in teaching general science to the students.
- Make a visit at any senior secondary science laboratory of a school and prepare a report.
- Conducting and reporting three experiments useful at secondary level.
- Make a presentation based on any above topic.

Learning Outcomes: After completion of this course students would able to:

- Contribution of eminent Indian scientists in connection with the development of the subject.
- Familiar with the aims and objectives of the subject in relation to present needs of the society and education policies in India.

- Plan curriculum at secondary and senior secondary level and analyze the syllabus of the subject in relation to its applicability to practical situations.
- Identify proper methodology to deal with the content which is to be handled by him as teacher in secondary and higher level.
- Develop a broad understanding of the principles and procedures used in modern science education.
- Prepare test paper for evaluation.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEBI8415T	Biology	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To acquire the knowledge of nature and scopes of Biology.
- To develop understanding the principles of curriculum, planning and E-resources in Biology.
- To develop awareness about various approaches and innovative methods of Biological science for effective teaching learning process.
- To develop knowledge of multisensory teaching aids to enhance students engagement and activity based learning.
- To aware about construction of blue print, diagnostic test and remedial self learning material and conduct CCE procedure.

Course Contents:

Unit- I Theoretical Perspective of Biology:

- Meaning, Nature and Scope of Biological science and its branches Historical Development of Biological science
- Development of values through Biology teaching
- Science as a domain of enquiry, dynamic body of knowledge and as a process of constructing knowledge
- Developing and significance of Scientific Temper through activities Aims and Objectives of Biological teaching
- Writing Objectives in Behavioral terms and Content analysis

Unit- II Curriculum and Planning:

- Concept and principles of curriculum
- Models and approaches related to curriculum organization
- Recent curriculum innovations in context of National Curriculum Framework (NCF) Planning : Concept, Types and Importance
- Co- Curricular activities- Excursion, Science fair, Science club
- E-resources in Biology : Biology blog, E-learning, Useful links and websites etc.

Unit- III Methods and Approaches:

- Herbertian & Constructivist approach (Five 'E' model)
- Co- operative learning approach
- Inquiry training model & its application Problem solving approach
- Inductive and Deductive methods
- Multisensory Teaching aids- Low cost models, L.C.D.
- Projector, Poster making, Concept map etc.

Unit- IV Measurement and Evaluation:

- Concept of Measurement and Evaluation Criteria of good Evaluation
- Preparation of Blue Print.
- Diagnostic test and Remedial learning material Continuous and Comprehensive Evaluation in biology

Assignment & Practical Works: (Any Two):

- Construct, administer and interpret an achievement/diagnostic test and resolving related problems through remedial measure too
- Prepare the Concept map related to school level teaching and demonstrate them to learn different contents in classroom
- Prepare the report on environmental problems in local area and resolving issues through scientific project.
- Poster Presentation/ Drama on various issues related to community awareness about biodiversity/ environmental problems/ waste management.
- Organization of exploratory activities to develop scientific attitude and temper

Learning Outcomes: After completion of this course students would able to:

- Acquire the knowledge of nature and scopes of Biology.
- Understand the principles of curriculum, planning and E-resources in Biology.
- Know and apply the various approaches and innovative methods of Biological science for effective teaching learning process.
- Apply knowledge of multisensory teaching aids to enhance students engagement and activity based learning.
- Construct blue print, diagnostic test and remedial self learning material and conduct CCE procedure.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BCEP8416T	Commerce Practice	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To acquire the basic understanding in the field of commerce education.
- To develop the ability to plan curriculum and instructions in commerce at school level. To develop

the ability to critically evaluate existing school syllabus and text book.

- To impart knowledge about the methods and devices of teaching commerce and to develop the skill of using the same.
- To develop the ability of preparing an achievement test. To develop commercial efficiency among students.

Course Contents:

Unit - I Concept of Teaching Commerce:

- Meaning, nature and scope of commerce education.
- Aims, objectives and values of teaching commerce at senior secondary level.
- The place of commerce in education.
- Qualities of commerce teacher, role and professional growth.

Unit - II Planning of Teaching Commerce:

- Unit plan and daily lesson plan. Maxims of teaching.
- Devices of teaching commerce. Classroom observation

Unit -III Methodology of Teaching Commerce:

- Modern Methods of Teaching Commerce : Analytic & Synthetic method
- Socialised Recitation Method Team teaching
- Programmed instruction method Project Method

Unit - IV Instructions Material and Evaluation in Commerce Education:

- Importance of teaching aids for effective instruction commerce education Different audio-visual equipment and material used commerce education.
- Evaluation in commerce importance, type of tests essay, short answer and objective type.
- Blue print
- Construction of Achievement Test.

Assignment & Practical Works: (Any Two):

- Content Related subject topic
- Preparation any two teaching aids (Model, P.P.T.)

Learning Outcomes:

After completion of this course students would able to:

- Acquire the basic understanding in the field of commerce education.
- Develop the ability to plan curriculum and instructions in commerce at school level. Develop the ability to critically evaluate existing school syllabus and text book.
- Apply impart knowledge about the methods and devices of teaching commerce and to develop the skill of using the same.
- Prepare an achievement test.
- Usw commercial efficiency among students.

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEBK8417T	Book-Keeping	Pedagogy Of A School Subject	4	30	70	100

Objectives:

- To acquire the basic understanding of teaching of Book-keeping and Accountancy.
- To develop the ability to plan curriculum and instruction in Book-keeping and Accountancy.
- To develop the ability to critically evaluate the existing school curriculum of Book-Keeping.
- To impart knowledge of the methods and devices of teaching Book-keeping and to develop the skill of using the same.
- To give information about appropriate methods and devices of teaching particular topics for book-keeping.
- To develop necessary skill in preparation of using various teaching aids.

Course Contents:

Unit- I Meaning and Scope of Book-Keeping and Accountancy:

- Meaning and scope of book-Keeping and Accountancy. it's value and Importance in Social Life.
- Aims and objectives of teaching Book-keeping and accountancy at senior secondary level.
- Teachers Role and Attitude.

Unit - II Planning of Teaching Book-Keeping and Accountancy:

- Unit plan
- Lesson plan
- Annual plan
- Maxims and principle of classroom teaching
- Classroom observation

Unit- III Teaching Approches and methods of Teaching Book-keeping and Accountancy:

- Teaching Approches of Book-keping and Accountancy Journal Approach, Ledger Approach
- Cash book Approach, Equation approach
- Text book-keeping and accountancy their importance Criteria for selection of text book.
- Reference book and Journal.
- Various methods of teaching book-keeping and accountancy – project, problems solving, Lecture- cum-demonstration method, team Teaching Program learning method.

Unit- IV Instruction Material and Evaluation in Book-keeping and Accountancy:

- Audio-visual aids in teaching Book-Keeping and accountancy computer. (tally)
- Internet Evaluation of students performance
- Blue Print

- Construction of Achievement Test

Assignment & Practical Works: (Any Two):

- Content related to subject topic
- Any one subject topic

Learning Outcomes:

After completion of this course students would be able to:

- Acquire the basic understanding of teaching of Book-keeping and Accountancy.
- Develop the ability to plan curriculum and instruction in Book-keeping and Accountancy. Critically evaluate the existing school curriculum of Book-Keeping.
- Impart Knowledge of the methods and devices of teaching Book-keeping and to develop the skill of using the same.
- Apply appropriate methods and devices of teaching particular topics for Book – Keeping. Prepare achievement and diagnostic Tests.
- Develop necessary skill in preparation of using various teaching aids.

References:

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2. Boynton Lewis D: Methods of teaching Book –Keeping. South Western publication Co. Cincinnati. Ohio.
3. Gupta and Gupta: Intermediate Book-Keeping and Accounts. Agra Book Store. Agra (Hindi and English Version)
4. Harvey: Ways to teach Book – Keeping and Accounting.
5. J.N.Vaish : Book- Keeping and Accounts. Part 1 and 2 (Hindi and English version)
6. Parikh. Dr. A.K.M.: Lesson Planning in Indian school. Sbda Sanchar. Ajmer.
7. Selby: The teaching of Book- Keeping
8. Tonne: Pohem and Freeman : Method of teaching Business Subject. Gregg Pub... Dir., Mc Graw Hill Book Co., Inc. New York.
9. main A Musselma and J.Marshall Hanna: Teaching Book-Keeping and Accountancy, Gregg Pub., Div., Me Graw Hill Book Co. Inc. New York.
10. Williams: Principles of Teaching applied in Book-Keeping and Accounts Sir Isaac Pitaman. London.

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEDP8418T	Drawing and Painting /Fine Art	Pedagogy of Drawing and Painting	4	30	70	100

Objectives:

- To enable the student teacher to-
- Get acquainted with importance of Drawing and Painting and its place in curriculum.
- Understand the concept of representing models and imagination of Drawing and Painting get acquainted of methods of teaching of Drawing and Painting
- Correlate of Drawing and Painting Education with other school subject.
- Get acquainted with practical skill in Drawing and Painting

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Course Contents:

Unit-I Basic Of Fine Art:

- Concept, Importance and Scope of different forms of Drawing and Painting
- Nature, scope and aims of teaching Drawing and Painting
- Importance of Drawing and Painting and its place in the curriculum at School level.
- Significance of teaching Drawing and Painting at school level.

Unit -II Aims and Objectives of Teaching in Fine Art:

- Aims and Objectives of teaching Drawing and Painting (Blooms & Revised Blooms Taxonomy)
- Curriculum Organization of fine Arts.
- Critical appraisal of the existing syllabus in fine Arts.
- Importance of Exhibitions & Competitions in encouraging creative Expressions among Students.

Unit-III Lesson Planing And Teaching Aids Of Fine Arts:

- Lesson planning to teach Fine Arts : Micro, Macro, ICT Based, Diary Based, Test Based, Model based (Line, Color, Design, Still Life, Poster)
- Methods of teaching Fine Art and Its Approaches: Free Expression, Representation, Designing and clay modeling at various stages.
- Representing model and imagination in Teaching of Fine Art
- Audio –Visual aids and their use in teaching of Fine Arts and critical appraisal of present text books in Fine Arts.

Unit-IV Professional Development Of Arts Teacher And Evaluation:

- Qualities and professional competencies of a Fine Arts teacher.
- Composition and Appreciation of Fine Arts
- Art Room, its need, equipment and decoration.
- Evaluation: CCE, Grading system, CBCS, Construction of Achievement test, Remedial and diagnostic teaching.

Assignment & Practical Works: (Any Two):

- Content related to subject topic
- Any one subject topic

Learning outcomes:

- The Pupil teachers will be able to-
- Develop basic understanding of different Fine art forms and their impact in our life.
- Enhance artistic and aesthetic sensibility of learners to enable them to respond to the beauty in different Fine Art forms.
- Develop skills for integrating different Fine Art forms across school curriculum at Secondary level.
- Create awareness of the rich cultural heritage, artists and artisans in the society.

References:

1. Brown, Percy (1953). Indian Painting, Calcutta.
2. Chawla, S.S. (1986). Teaching of Art. Patiala: Publication Bureau, Punjabi University.
3. Harriet, Goldstein (1964). Art in Everyday Life. Calcutta: Oxford and IBH Publishing Company.
4. Jaswani, K.K., Teaching and Appreciation of Art in Schools. LowenfeldViktor .Creative and Mental Growth.
5. Margaret, Marie Deneck (1976). Indian Art. London: The Himalata Publication. Sharma, L.C., History of Art, Goel Publishing House, Meerut.
6. Read, Herbert. Education through art. Shelar, Sanjay. Still Life. Jyotsna Prakashan

7. NCERT. (2006). Position paper-National focus group on Art, Music Dance and Theatre. retrieved from <https://ncert.nic.in/focus-group.php?ln=>

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I. A.	Theory	Total
24BEMU84 19T	Music	Pedagogy of Music	4	30	70	100

Objectives:

- To enable the Pupil teacher to-
- understand the history, importance, and co-relation of Music with other school
- comprehend the knowledge of swarms and sruti and Bloom's taxonomy of instructional
- prepare pedagogical analysis of the content and develop a lesson plan for the classroom
- acquire competence in skills for the teaching of Music.
- develop teaching aids to teach Music.
- familiarize the qualities of Music and Music teacher.
- understand the different methods of teaching Music.
- acquiring competency in preparing tools of evaluation.

Course Contents:

Unit I- Introduction:

- Nature and scope of Music, Vocal and Instrumental Music. Aims and Objective of teaching Music at School level.
- The importance of Music and its place in the curriculum at School levels.
- Curriculum: Classical, Light, Film and Folk music and the claims of each for inclusion in the syllabus: songs for school children

Unit II- Subject Matter Of Music:

- General principles of teaching Rags, Melodic grace, devices and Tune.
- Training in Rhythmic perception, Correlation of Music with other school subjects.
- Audio-visual aids and their use in teaching Music.
- Textbooks: criteria of a good textbook in Music, a critical appraisal of the present textbooks in Music.

Unit III- Music In School Curriculum:

- Importance of Music in School Curriculum Music Room:
- Its equipment's and organization.
- Different type of tests: (Theory and Practical) construction, administration and test of performance.
- Knowledge of subject matter contents up to Secondary level.

Unit IV- Biographies Of The Following Eminent Musicians

- Swami Haridas, Tansen
- Pt. Vishnu Digambar Paluskar
- Pt. V. N. Bhatkhande
- Qualities of a Good Artist.

Assignment & Practical Works: (Any Two):

- Content related to subject topic
- Any one subject topic

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Learning outcomes:

The pupil teacher will be able to-

- identify, analyze and work conceptually with the elements and organizational patterns of music and their interaction, employing this understanding in aural, verbal, and visual
- analyses and applications.
- distinguish and analyze music according to historical, cultural, and stylistic contexts, and to address culture and history from diverse perspectives.
- apply relevant forms of music technology, including their basic functions and integrative nature.
- demonstrate a fundamental proficiency in keyboard skills.
- demonstrate and apply the research skills necessary for musical and contextual understanding of musical elements and relevance.
- demonstrate the conducting and technical skills necessary to effectively and artistically lead a collaborative rehearsal.

References:

1. Awasthi, S.S.A.,(1964)Critique of Hundustani Music and Music Education, AdhunikPrinter, Jalandhar.
- Bhatkanda, V.N., (2003), Karmik Pustak Malika Laxme Narayan Garg, Sangeet Karyalaya, Hathras
2. Nhatnagar, S., (1988)Teaching of Music, Monika Prakashan, Shimla. Archer, W.G. (1959), India and Modern Art, London,.
3. Arnoson, H.H.(1969), History of Modern Art, London. Barr, A.H, (1954), Masters of Modern Art, New York.
4. Brown Percy : Indian Painting, The heritage of India Series, M.C.A. Pub. House, Calcutta
5. The Teaching of Music by Prof. P. Suambarmoorthy
6. A critique of Hindustani Music and Music Education by S. S. Awasthi Sangeet Bodh by Dr. S. S. Awasthi
7. Teaching of music by Gauri Kuppaswamy & M. Hariharan
8. Sangeet Visharad by Vasant, Hathras Prakashan
9. Hamare Sangeetagya by Prakash Narayan Pranav Bharti by Pt. Omkar Nath Thakur
10. The Scope of Music, Oxford Univ. Press by Buck Voice Training by Grew, Oxford Univ. Press
11. Lok Sangeet Ank (Hathras Prakashan)
12. NCERT. (2006). Position paper-National focus group on Art, Music Dance and Theatre.

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEUS8420T	Understanding The Self	CC	2	15	35	50

Objectives:

- To develop understanding about themselves the development of the self as a person and a teacher
- To develop social relational sensitivity and effective communication skills, including the ability to listen observe.
- To develop holistic and integrated understanding of the human self and personality
- To built resilience within to deal with conflicts at different level and learn to create terms to draw upon collective strength
- To help explore ones dreams, aspiration concerns through varied forms of self expression, including poetry and humour.

Course Contents:

Unit -I: Exploring the Self:

- Concept and fundamentals of self-exploration: Self-concept, Self-Identity, Self-Image, Self-Esteem, Self-motivation
- Factors affecting exploration of self: Heredity and environment
- Personality: Concept, Dynamic Approaches & Determining a Distinctive Personality
- Exploring, reflecting and sharing one's own aspirations, dreams, concerns and struggles in becoming a teacher.

Unit -II: Development of Self:

- Techniques of Self Reflection: Introspection, Reflective Diary, Reflective Dialogue, Discussion & social media
- Developing an understanding of one's own philosophical and cultural perspective as a teacher
- Development of resilience and techniques for Stress Management
- Professional ethics as a teacher to develop the Group & Social Harmony

Unit -III: The Evolving Self:

- Developing the self : Building self esteem, self image
- Harmony and peace with self (resilience, mindfulness)
- Positivity and management for emotions
- Tactics and techniques of self undarsting

Unit -IV: The Emerging Self:

- Stereo types and prejudices : Gender, class race region, language, religion, disability (Any three of the indicated may be chseh) agencies that shape the self :
- famailly school and media challenging of stereotypes.

Assignment & Practical Works: (Any Two):

- Write a self reflective journal (Approx 600-800 Words) Elaborate your own values towards self and society.
- Conduct any two activities for stress management on school students or peers Review any two movies with social messages.
- Strength, weakness, opportunity and challenges (SWOC)analysis of ones own Any other activities / assignment suggested by the subject teacher.

Learning Outcomes:

- After completion of the course students will be able to:
- Distinguish and explain the multiple ways for exploring the self.
- Conduct self-development activities and stress management.

Reference:

1. Adair, J., and Allen, M. (2018). Time management and personal development. London: Hawksmere.
2. Farrell, T. S. C. (2019). Reflective practice in action. Thousand Oaks, CA: Corwin Press, Inc.
3. Feldonan, R. S. (2019). Essentials of understanding psychology. (7th edition). New Delhi: Tata McGraw Hill.
4. Gurol, A (2010) Determining the reflective thinking skills of pre-service teachers in learning and teaching process. Turkey: Firat University.
5. Hadfield, J. A. (2016). Psychology and morals. London: Methuen & Co.
6. Kubalker, R. (2015). Know your stress-manage your stress. New Delhi: Neel Kamal Publishers.

7. Lewis, M. & Brooks-Gunn, J. (2009). Self-knowledge and emotional development. New York: Plenum Press.
8. Luft J and Ingham H. (2017). The Johari window: A graphic model for interpersonal relations.
9. University of California Western Training Lab.
10. Rohrer, J. (2008). ABC of awareness. Oberurnen: UTD Media.
11. Sheorron, B. (2008). The presentation skills workshop. New Delhi: Prentice Hall of India.
12. Simanowitz, V., and Pearce, P. (2003). Personality development. Beckshire: Open University Press.
13. Snyder, C. R. (2011). Positive psychology: The scientific and practical explorations of human strengths. New Delhi: Sage Publishers.

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I. A.	Theory	Total
24BETE8421T	Teacher Education	CE	4	30	70	100

Objectives:

- After going through the course the teacher trainee will be able:
- Understand the Modern Concept of Psychology aims and Objectives.
- Acquaint him with various techniques and methods teaching of Psychology Subject.
- Understand the scope of Psychology, A good Text Book of Psychology and different Techniques and Methods of the teaching of Psychology Subject.
- Acquaint him with the testing evaluation procedures, correlation and modern educational technology.

Course Contents:

Unit -I: Concept of Teacher Education

- Teacher Education
- Meaning of Teacher Training
- New concept of teacher education
- objectives of teacher education program
- Importance of teacher education program

Unit -II: Various teacher education agencies

- NCTE: Role and function
- NCERT: Role and function
- CTE: Role and function
- GCERT: Role and function

Unit -III: Teacher education as a profession

- Scope and characteristics of teaching as a profession
- Teachers status – Social, Economic and Professional Status.
- Teachers competencies – Kind of Competencies
- Teachers commitment areas – Kind of commitments

Unit -IV: In-Service and Pre-service Program

- Meaning and Objectives
- Basic requirement and programmes for quality improvement
- Innovative practices – Classroom teaching method and use of latest technology
- New Horizons for teaching profession

Assignment & Practical Works: (Any Two):

- Read One Biography any eminent teacher
- Visit and interaction of any educational institute

Learning Outcomes:

After completion of the course students will be able to:

- Distinguish and explain the multiple ways for innovative practices for teacher Educator.
- Conduct self-development activities and stress management for teacher Educator

Reference:

1. Buch, M. B., (1978). Second Survey of Research in Education, Baroda; Centre of Advanced Study in Education
2. Chaurasia G., (1977). Innovations and Challenges in Teacher Education, New Delhi; Vikas Publications.
3. Devgowda, A. C. (1973). Teacher Education in India, Bangalore; Bangalore Book Bureau
4. Dutt, S. (1972). The Teachers and His World, Agra; Sukumar Dutt, Soamibagh
5. Goodigs R. (1982). Changing Priorities in Teacher Education, New York; Nichols Publication Co.
6. (1966). Government of India Education and Development Report of
7. Education Commission (1964-66), New Delhi; Govt. of India.
8. Hilgased, F H (Ed.), (1971). Teaching the Teachers: Transin Teacher Education,
9. London; George Allen and Union Ltd.
10. I.A.A.T.C. (1964). Symposium on Teacher Education in India, Ambala Cantt; The Indian Publications

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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEPE8422T	Physical Education & Yoga	CE	4	30	70	100

Objectives:

- The course will enable the student teachers to –
- To enable them to understand the need & importance of Physical Education.
- To acquaint them to allied areas in Physical Education.
- To sensitize the student teacher towards physical fitness & its importance.
- To make them aware of the benefits of physical fitness & activities for its development.
- To help them acquire the skills for assessment of physical fitness.
- To introduce them to the philosophical bases of Yoga.
- To introduce them to types of Yoga & its importance.
- To motivate them to resort to physical activity for the fitness development.
- To help them understand the procedure of health related fitness evaluation.

Course Contents:

Unit I: Physical Education:

- Introduction, Definition and Meaning of physical education. Objectives of physical education.
- Scope of physical education & allied areas in Physical Education.

Unit II: Physical Education And Methods:

- Need & importance of physical education in different levels of school(sec. and sr. sec. level)
Training methods :-
- Development of components of physical fitness and motor fitness through following training methods (continuous method, interval method, circuit method, fartlek/speed play and weight training)
- Development of Techniques and Tactics.
- Definition, Meaning, Types and factors of physical fitness
Factors affecting physical fitness.
- Benefits Physical Fitness.

Unit III: Physical Fitness And Yoga Activities:

- Need of physical activities at school level.
- Importance of physical activities at school level.
- Assessment of physical fitness.
- Introduction, Meaning and mis-concepts of Yoga.
- Ashtang Yoga (8 stages of Yoga)
- Types of Yoga
- Importance of Yogasanas, 'Pranayama' and Shudhikriya
- Importance of Meditation in School

Unit IV. Human Abilities and Yoga in Indian Context:

- Education and Yoga – Promotion of intelligence, awareness and creativity through Yoga, Yoga in Class- rooms (Primary, Secondary and Higher education levels).
- Stress and Yoga: Stress – Definition, Causes, Symptoms, Complications in life; Yogic management
- of stress related disorders – Anxiety, Depression and Suicidal tendencies.

Assignments: (Any Two)

- Learning and performing of basic yogic activities
- Health and physical education relationship with other subject areas like science, social science and languages.
- Fundamental skill of games/sports and yoga.

Learning Outcomes :-

- After completion of this course, the student – teachers will be able to-
- Apply the Aims and Objectives of Yoga in real life situation.
- Infer ideas about the different cause and symptoms of different communicable diseases.
- Analyze the scope of health education and methods of import health education in schools.
- Analyze the scope, need and importance of physical education.
- Distinguish between intramural and extramural competitions.

References :-

1. Kuvalayananda, swami, Pranayama, (1983), Popular Prakashan Bombay. Kuvalayananda, swami, Asanas, (1983), Popular Prakashan Bombay, English/Hindi.
2. Lal, Raman Bihari, (2008), Siksha Ke Daarshnik Evam Samajshastriya Sidhant. Meerut , Rastogi Publications.
3. Singh, Ajmer, Physical Education and Olympic Abhiyan, “Kalayani Publishers”, New Delhi, Revised Addition, 2006
4. Patel, Shri Krishna Physical Education, “ Agarwal Publishers”, Agra, 2014-15
5. Panday, Preeti, Sharirik Shiksha Sankalan, “Khel Sanskriti Prakashan, Kanpur
6. Kamlesh M.L., “Physical Education, Facts and foundations”, Faridabad P.B. Publications

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEGC8423T	Guidance And Counseling	CE	4	30	70	100

Objectives:

- To educate about the basics concept, nature and scope of Educational and Vocational guidance.
- To understand the aims objective of educational and vocational guidance.
- To make enable about the importance of educational and vocational guidance.
- To give knowledge of role and responsibilities of guidance workers in school.
- To understand the nature and types of guidance service & with reference to school education.
- To understand the concept, nature and types of counseling.

Course Contents:

Unit- I Basics of Guidance:

- Meaning and Nature of Guidance.
- Aims and Principles of Guidance.
- Types of Guidance
- Importance of Guidance in schools for individual and for society.
- Process of Guidance.

Unit- II Basics of Counseling:

- Meaning, Nature and Principles of counseling Types of Counseling.
- Distinction between Guidance and Counseling.
- Role and Responsibilities of Guidance workers in school.
- Qualities of a good guidance programme.

Unit- III Area of Guidance:

- Educational guidance
- Vocational guidance
- Personal guidance
- Guidance Implication in the current Indian scenario.
- Problems of guidance in India.

Unit- IV Guidance Services:

- Introduction to Guidance Services.
- Individual Inventory Service
- Information Service
- Cumulative Record
- Placement Services
- Follow up Service

Assignment & Practical Works: (Any Two):

- Prepare a term paper on any topic of Educational, Vocational or Personal guidance
- Write an article on current educational problems, providing the solution.
- Observe an educational or co-curricular activity in a school or college and provide guidance for the improvement.
- Case study of two special children.

Learning Outcomes:

After completion of this course students would able to:

- Understand the basic concept, Nature and scope of Educational and Vocational guidance.
- Describe aims objective of educational and vocational guidance.
- Understand importance of educational and vocational guidance.
- Identify nature and types of guidance service & with reference to school education
- Understand the concept, nature and types of counseling.

REFERENCES :-

1. Bansal, Aarati (2007), Educational and Vocational Guidance, Sublime Publication, Jaipur
2. Chaturvedi, Ramesh, (2007), Educational and Vocational Guidance and Counseling, Crescent

- Publishing Corporation, New Delhi.
3. Nayak A. K., Rao V. K. (2007), Guidance and Career Counseling, APH Publishing Corporation, New Delhi.
 4. Sharma, Shashi Prabha (2005), Career Guidance and Counseling (Principles and Technique), Kanishka Publishers, New Delhi.
 5. Sharma, Sita Ram (2005), Evolution of Educational and Vocational Guidance, ABD Publishers, Jaipur.
 6. Sharma, Yogendra K. (2005), Principles of Educational and Vocational Guidance. Kanishka Publishers, New Delhi.
 7. Vashist, S. R. (2001), Methods of Guidance, Anmol Publication, Pvt. Ltd., N. Delhi
 8. जायसवाल, सीताराम, (2006), शिक्षा में निर्देशन एवं परामर्श, विनोद पुस्तक मंदिर, आगरा
 9. भाटिया, के.के., (2006), मार्गदर्शन एवं परामर्श के सिद्धान्त, कल्याणी पब्लिशर्स, नई दिल्ली
 10. शर्मा आर.ए., चतुर्वेदी, शिखा (2009), शैक्षिक एवं व्यवसायिक निर्देशन एवं परामर्श, आर. लाल., बुक डिपो, मेरठ
 11. सिंह, रामपाल, उपाध्याय, राधावल्लभ, (2004), शैक्षिक एवं व्यवसायिक निर्देशन, विनोद पुस्तक मंदिर, आगरा।

SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEVE8424T	Value Education	CE	4	30	70	100

Objectives:

- After going through the course the teacher trainee will be able:
- To enable students to understand the need and importance of value education.
- To enable them to understand the nature of values, moral values, moral education and to differentiate such values from religious education, moral training or moral indoctrination.
- To enable them to understand the process of moral development vis-à-vis their cognitive and social development.
- To Orient the students with various intervention strategies for moral education.

Course Contents:

Unit-I The Socio Moral and Cultural Context:

- Value: Meaning and Concept
- Types of Value: Social, Ethical, Religious, Cultural
- Indian Culture and Human Value
- Pandit Dindayal's and Shyama Prasad Mukharjee Views on Value Education.

Unit-II Natural Concept of Morality and Moral Education:

- Concept of Value Education
- Need of Value Education
- Medium for Value Education
- Approaches for Value Education

Unit-III Moral Learning to Moral Education:

- Importance of Value Education
- Moral learning out side the school, media and moral learning

NPE (1986): Values

- Curriculum and Moral Education.

Unit-IV Assessment of Moral Maturity:

- Value Classification Model
- Value Analysis Model
- Social Action Model
- Value Education and Sanskar

Assignment & Practical Works: (Any Two):

- Content related to subject topic
- Any one subject topic

Learning Outcomes:

After completion of the course students will be able to:

- Distinguish and explain the multiple ways for exploring the Moral Education System .
- Conduct Value Education activities and Sanskar in Indian Culture.

References :-

- Safaya, R.N. and Shaida, B.D. (1983): Principles and Techniques of Education. Dhanpat Rai and Sons, Delhi.
- Sodhi, T.S. and Suri, Aruna (2006): Philosophical and Sociological Foundations of Education. Bawa Publication, Patiala.
- MHRD, Report of Education Commission 1964-66, Ministry of Education, Govt. of India.
- Ministry of Education, Govt. of India: Value Education Source Book (1994), NCERT, New Delhi.
- Oad L.K. (Ed). (1988) : Shisha ke Nutam Ayam, Rajasthan Hindi Granth Academy, Jaipur
- Ruhela & Vyas, (1969): Sociological perspectives in school education, Indian Publishers, Distributors, Delhi.
- Ruhela & Vyas, (1996): The Emerging Concept of Education in Human Values, Regency Publication, New Delhi.
- Gupta, V.K. (1996): Education in Emerging Indian Society, New Academic Publishing House, Jalandhar (English Version)
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SEMESTER-IV

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEEE8425T	Environmental Education	CE	4	30	70	100

Objectives:

- To understand the problems of concerning environment through multi disciplinary approach.
- To develop the skill of planning and organizing ecological activities in the schools.
- To create consciousness about environment among the adult learners.
- To give information on different techniques and materials for the affective dissemination of environmental information.

Course Contents:

UNIT- I Concept Of Environment:

- Meaning , Scope, Importance
- Eco-System – Charecteristic Qualities
- Inter- Dependence In Environment
- Natural Resources
- Bio-Diversity – Scope & Threats, Preservation.

UNIT- II Environmental Education:

- Meaning, Importance and Objective
- Scope of Environmental Education
- Need for Public Awareness as a subject
- Muti-disciplinary Nature of Environmental Studies Curriculum Development

UNIT- III Environmental Hazards and Pollution:

- Air Pollution
- Water Pollution
- Soil Pollution
- Noise Pollution

UNIT- IV Global Issues and Environmental Conservation:

- Global Issue (Global Warming, Climate Change, Deplition of Ozone Leyer and Energy Crisis) Different Aspects Related To Environmental Conservation.
- Environmental Preservation &Improvement (At National & International Level) National Environment Policy,

Assignment & Practical Works: (Any Two):

- Study on Any one environmental problems.
- The report on the study must include efforts of the pupil / teacher in developing awareness among people about the environmental problems.
- Prepare a plan to teach environment at education to the adults. One Assignment Work solve.
- Prepare a scrap book of an environmental articles and news. Conduct environmental competition for local school student.

Learning Outcomes:

After completion of this course students would able to:

- Students are able to understand the problems concerning environment through multi disciplinary approach.
- Students are able to develop the skill of planning and organizing Ecological activities in the schools so the children can equipped to play their part in protection and enrichment of environment.
- Students are able to create Environment Consciousness among the adult learners.
- Students are able to use different Techniques and materials for the affective Dissemination of Environmental information.
- Students are able to conduct local surveys, arrange field trips Environmental games and hobbies.

References :-

1. उपाध्याय, राधावल्लभ, (2008), पर्यावरण शिक्षा, विनोद पुस्तक मंदिर, आगरा
2. गुप्ता चाँदमल, शर्मा, रेनू (2008), पर्यावरण शिक्षा, आस्था प्रकाशन, जयपुर
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4. बरौलिया, ए., पर्यावरणीय शिक्षा के नये आयाम, राधा प्रकाशन मंदिर, आगरा
5. बरौलिया, ए., पराशर, राधिका एवं दुबे, श्री कृष्ण, पर्यावरण शिक्षा के नये आयाम, राधा प्रकाशन मंदिर, आगरा
6. राजस्थान पाठ्यपुस्तक मण्डल की कक्षा 11 से 12 तक की पुस्तकें
7. रावत, कमलेश, पर्यावरण शिक्षा, अलका पब्लिकेशन, अजमेर
8. श्री वास्तव, पंकज (2007), पर्यावरण शिक्षा, मध्यप्रदेश हिन्दी ग्रन्थ अकादमी

SEMESTER-IV Practical Work

(1)

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BES18426I	School Internship (16 Weeks)	CE	4	100	--	100

Internship

SN	Internship Work (16 Weeks)	Maximum Mark
1	Teaching of Method Subject	20 Marks
2	Participation in All Activities of School	05 Marks
3	Report of Any Feature of School/Case Study/Action Research	10 Marks
4	Observation	10 Marks
5	Detail Study of School Documents like General Records, Progress Report, Academic Calendar, etc.	20 Marks
6	Organize Cultural Activities	05 Marks
7	Interaction and Observation of Students	10 Marks
8	Submission of total Internship program	20 Marks
Total		100 Marks

Guidelines for the Internship Work:

1. 16 Weeks Internship in Recognized upper Primary/Secondary/Higher Secondary School. Trainee have to perform following activities during internship and prepare detailed report
 - Internship Report must be verified and signed by the school Principal
 - Detailed Study of School Documents, like General Records, Progress Report, Academic Calendar etc.
 - Organized cultural activities
 - Interaction and observation of students
 - Submission of total Report of internship Program.
2. Action Research : Selection Problem, Data Collection ,Analysis, report Writing and Submission
3. Case study : Fiel Work/Data Analysis and Report Writing for Submission (Any One)
4. Observation : ordinary lesson and demonstration lesson

(2)

Course Code	Course Title	Course Category	Credit	C.I.A.	Theory	Total
24BEPW8427I	Practical Work	CC	2	50	-	50

SN	Practical Work	Maximum Mark
1	Criticism Lesson Plan	10 Marks
2	Power Point Presentation	10 Marks
3	Teaching Learning Material	05 Marks
4	Attendance/Seminar/Workshop	05 Marks
5	Participation in Social Activities	05 Marks
6	Participation in Cultural/Sports/Literature Activities in Institute/College	10 Marks
7	Institutional Visit	05 Marks

Guidelines for the Practical Work:

- Power Point Presentation: Prepare two Power point Presentation in each subject
- TLM: Teaching Subject's Teaching Learning Material must be submitted at college (two)
- Institutional Visit: Visit of Any special School, well Known higher Education Institutes, library/i INFLIBNET, Government Institutes/Training Center(DIET, Text Book Board etc.) and detail report submission

(3)

Course code	Course Title	Course Category	Credit	C.I.A.	Practical	Total
24BEEA8428P	External Assessment (one final Lesson)	CC	4	-	100	100

Note:-This Pratical work will be Completed by one Internal Examiner and Two External Examiner


 Dy. Registrar
 Pandit Deendayal Upadhyaya
 Shekhawati University,
 Sikar(Rajasthan)