



**A
Programme
of**

Bachelor of Education (B.Ed.) Course

Two Years (Four Semesters)

with effect from

Session: 2022-23 onwards

Faculty of Education

Raja Mahendra Pratap Singh State University,

Aligarh, 202001 (U.P.)



Raja Mahendra Pratap Singh State University, Aligarh (U.P.)

FACULTY OF EDUCATION B.ED. PROGRAMME

RULES, REGULATIONS AND CURRICULUM

1. PREAMBLE

The B.Ed. programme of Raja Mahendra Pratap Singh State University, Aligarh (U.P.) is a two year course consisting of Theory Courses, Practicum and School Internship. Theory courses comprise perspective courses and courses in curriculum and pedagogy studies. In the practicum the focus is on engagement with the field. In the school internship the focus is on sustained engagement with learners and the school including engagement in continuous and comprehensive evaluation, school based innovative practices and community based interaction. The course aims at development of needed competencies and skills for an effective teacher in the 21th century class room processes and school context

There will be theory courses of 1300 marks (52-Credits) and Practicum comprising of EPC (Enhancing Professional Competencies) and Internship I & II of 300 marks (12 Credits) spread over a period of two years in four semesters. The year and semester wise distribution of theory, practicum & internship programme with the weightage in terms of marks (credits) are indicated in the following plan.

The Bachelor of Education programme (B.Ed.) is a professional course that prepares teachers for upper primary or middle level (Classes VI-VIII), Secondary level (Classes IX-X) and Senior Secondary level (Classes XI-XII).

2. DURATION

The B.Ed. programme shall be of duration of two academic years divided in four semesters. It consists of four semesters. The academic session will commence from July 1st of every year. The second and fourth semester shall commence from Jan. 1st every year.

3. WORKING DAYS

- a. There shall be at least one hundred working days in each semester excluding the period of admission, examination and evaluation

- b. The minimum attendance of student-teachers shall have to be 80% for all course work and practicum and 90% for school internship.

4. ELIGIBILITY

- a. Candidates with at least fifty percent marks (50%) either in the Bachelor's Degree and/or in the Master's Degree in Science/Social Science/Humanity and with 55% Bachelor in Engineering or Technology with Specialization in science and mathematics or any other qualification equivalent thereto, are eligible for admission to the programme.
- b. The reservation and relaxation of SC/ST/OBC/PWD and other categories shall be as per the rules of the Central Government/State Government, whichever is applicable.

5. ADMISSION PROCEDURE

Admission shall be made on merit on the basis of marks obtained in the State/National level qualifying examination and/or in the entrance examination or in accordance with any other procedure as per the policy of the Raja Mahendra Pratap Singh State University, Aligarh.

- 6. If the Student has not completed theory courses, practicum and school internship he/she shall not be allowed to appear in the B.Ed. examination.
- 7. During the study of B.Ed. course, no student can avail the opportunity of any kind of full time or part time paid job. If any such cases are reported, his/her admission will stand cancelled.

8. EXAMINATION

- a. B.Ed. students can answer in English or in Hindi medium.
- b. In the theory First division would be awarded to those students who have secured 60% and above, Second division to those who have secured 48% and above but below 60% Third division to those getting a minimum of 40% in total and at least 36% marks in each theory course separately but less than 48% marks.
- c. In practicum those getting 60% and above will be placed in First division, those getting 48% and above but less than 60% will be placed in Second division and those with 40% and above but less than 48% will be placed in Third division.
- d. The division in theory and practicum will be indicated separately towards the end of the fourth semester by aggregating the scores (credits) earned in the preceding three semesters and by adding the same to the scores of the fourth semester.
- e. In the second semester for the assessment of practicum (Internship-I + Sessional Work) there will be both internal and external assessments and will be conducted by panel of examiners one internal and one external.

- f. In the Fourth semester internship-IInd & assessment of teaching competencies/skills will be assessed by a panel of examiners, consisting of three members two being external examiners from the panel prepared by BOS and one internal examiners from the concerned college through rotation as decided by the university.
- g. In case of inflated markings in theory and practicum reported, the competent authority of the university shall have the right to review the same with the help of experts duly appointed for the purpose.

9. Lay out of course

Part-A: Theoretical Perspective

Part-B: Practical Perspective

Internship I - II Semester

Internship II - IV Semester

Part-C: Co-Curricular Perspective

- Community Work
- Social Interaction
- Camp for Rovers & Rangers

10. EXAMINATION STRUCTURE (TENTATIVE)

	Class started		Examination	
Semester-I	01 July	- 30 November	05 December	– 20 December
Semester-II	01 January	-15 May	20 May	– 30 May
Semester-III	01 July	- 30 November	05 December	– 20 December
Semester-IV	01 January	-10 May	15 May	– 30 May

Bachelor of Education (B.Ed.)
Two year (4 Semester) Programme
Year/semester wise course outline
B.Ed. First Year (First Semester)

Paper Code	Paper's Name	Maximum Marks	Minimum Marks	Credits
BD-101	Childhood and Growing up Term Exam Internal Assessment	80 } 20 } 100	32 } 08 } 40	4
BD-102	Contemporary India and Education Term Exam Internal Assessment	80 } 20 } 100	32 } 08 } 40	4
BD-103	Language across the curriculum Term Exam Internal Assessment	80 } 20 } 100	32 } 08 } 40	4
BD-104	Yoga Education Term Exam Internal Assessment	40 } 10 } 50	16 } 04 } 20	2
BD-105	Term Exam Internal Assessment Optional Paper (Select any One) a. Value and peace education b. Teacher Education c. Environmental Education d. Health and Physical Education	40 } 10 } 50	16 } 04 } 20	2
Total Marks of First Year (First Semester)		400	180	16

Aggregate passing minimum marks is 45%

Bachelor of Education (B.Ed.)

Two year (4 Semester) Programme

Year/semester wise course outline

B.Ed. First Year (Second Semester)

Paper Code	Paper's Name	Maximum Marks	Minimum Marks	Credits
BD-201	Teaching & Learning Perspectives Term Exam Internal Assessment	80 20 } 100	32 08 } 40	4
BD-202	Understanding Disciplines & School Subjects Term Exam Internal Assessment	80 20 } 100	32 08 } 40	4
BD-203	Art and Aesthetics in Education (EPC-I) Term Exam Internal Assessment	40 10 } 50	16 04 } 20	2
BD-204	Critical understanding of ICT (EPC-II) Term Exam Internal Assessment	40 10 } 50	16 04 } 20	2
BD-205 (Practical Work)	a) Internship – I b) Sessional Work (10 marks of each) i) Psychologist Test -10 Marks ii) Action Research/Case Study-10Marks iii) Preparation of Teaching Learning maternal (TLM) in each pedagogy - 10Marks iv) Achievement Test-10 Marks v) Scouting & Guiding Camp-10 Marks	50 50	25 25	2 2
Total Marks of First Year (Second Semester)		400	180	16
Total Marks of First Year (First Semester)		400	180	16
Grand Total		800	360	32

Aggregate passing minimum marks is 45%

Bachelor of Education (B.Ed.)

Two year (4 Semester) Programme

Year/semester wise course outline

B.Ed. Second Year (Third Semester)

Paper Code	Paper's Name	Maximum Marks	Minimum Marks	Credits
BD-301	Knowledge and Curriculum Term Exam Internal Assessment	80 } 20 } 100	32 } 08 } 40	4
BD-302	School Administration & Management. Term Exam Internal Assessment	80 } 20 } 100	32 } 08 } 40	4
BD-303	Guidance and Counselling. Term Exam Internal Assessment	40 } 10 } 50	16 } 04 } 20	2
BD-304	Gender, School and Society Term Exam Internal Assessment	40 } 10 } 50	16 } 04 } 20	2
BD-305	Part -A Part -B Pedagogy of School Subject (Any two out of the following) A. Pedagogy of Science- I (Physics, Chemistry) B. Pedagogy of Science-II (Zoology, Botany) C. Pedagogy of Science-III (Mathematics) D. Pedagogy of Languages i) Pedagogy of Hindi. ii) Pedagogy of English. iii) Pedagogy of Sanskrit. iv) Pedagogy of Urdu E. Pedagogy of Social Studies. (History, Civics, Economics and Geography) F. Pedagogy of Fine Arts i) Pedagogy of Drawing and Painting. ii) Pedagogy of Music. G. Pedagogy of Home Science. H. Pedagogy of Commerce	50 } 50 } 100	20 } 20 } 40	4
Total Marks of Second Year (Third Semester)		400	180	16
Total Marks of First Year (First Semester)		400	180	16
Total Marks of First Year (Second Semester)		400	180	16
Grand Total		1200	540	48

Aggregate passing minimum marks is 45%

Bachelor of Education (B.Ed.)

Two year (4 Semester) Programme

Year/semester wise course outline

B.Ed. Second Year (Fourth Semester)

Paper Code	Paper's Name	Maximum Marks	Minimum Marks	Credits
BD-401	Assessment For Learning Term Exam Internal Assessment	80 20 } 100	32 08 } 40	4
BD-402	Creating an Inclusive School. Term Exam Internal Assessment	40 10 } 50	16 04 } 20	4
BD-403	School Understanding the self (EPC-III) Term Exam Internal Assessment	40 10 } 50	16 04 } 20	4
BD404	Main Practical & Viva-voce Internal Assessment Internship-II (04 weeks)	150 50 } 200	75 25 } 100	4
Practice Work-2	a) Teaching Practical Exam in both Pedagogy of School Subject) b) 5 Micro + 25 Macro Teaching Lesson Plan are compulsory in both Pedagogy of School subjects			
Total Marks of Second Year (Fourth Semester)		400	180	16
Total Marks of First Year (First Semester)		400	180	16
Total Marks of First Year (Second Semester)		400	180	16
Total Marks of Second Year (Third Semester)		400	180	16
Grand Total		1600	720	64

Aggregate passing minimum marks is 45%

Summary

Total Theory Marks (Semester wise)	I+II+III+IV	400+300+400+200	= 1300
Total Practice Marks	I+II+III+IV	0 + 100 + 0 + 200	= 300
GRAND TOTAL			= 1600

Bachelor of Education (B.Ed.)

First year (First Semester) Detailed Syllabus

Paper- BD: 101

CHILDHOOD & GROWINGUP

Objectives:-

- To Familiarize student teachers about the concepts of child and childhood.
(Specifically with reference to the Indian Social context.)
- To understand different stages of development, mental process of children with diverse abilities in social, political, emotional and cultural contexts at the core of the exploration of childhood.
- To understand the specific features of childhood and adolescence as distinct stages of development.
- To develop advanced knowledge of developmental processes and principles.
- To develop an understanding of practical application of theories and factors affecting child development.
- To make them aware of the current issues confronting by adolescents.
- To acquaint them with respect to the role of different agencies in the healthy development of children.

Unit I: Introduction of concept and process of child development:

- Meaning and Principles of growth and development.
- Stages of growth and development (With Special reference of childhood and Adolescence)
- Meaning, Nature and importance of childhood.
- Techniques to Study children-observation, Interview, and Case Study.
- Facilitating holistic development of students.

Unit II: Theories of childhood development:

- Erik Erikson's Theory of psycho-social Development.
- Jean Piaget's theory of cognitive development.
- Freud's theory of psycho sexual development.
- Kohlberg's moral development theory.
- Lev Vygotsky social cultureal theory.

Unit III: Childhood and adolescence:

- Meaning, definition, characteristics of childhood and adolescence.
- Physical, motor, mental, social and emotional development in childhood and adolescence.
- Concept of socialization with special reference to family, school and society.
- Role of media (Social net working sites. E-mail, Browsing) in the adolescence.

Unit IV: Issues and challenges in childhood and adolescence:

- Challenges faced by the children at the stage of childhood and Adolescence; Juvenile, delinquency, Maladjustment, Depression etc.
- Equity and Equality issues and inclusion of the differently able, street children and other marginalized groups.
- Protection of child Rights: Role and contribution of UNICEF, WHO, National commission for the protection of child Rights, child helplines and NGO's
- Psychological problems, causes and Remedies prevention through sports activities and yoga.

Practicum work:

Assignment of any topic given in syllabus.

References:

- Berk LE (2004) Child development (6th edition) Allyn and Bacon. Bostan.
- Elizabeth B. Hurlock; Development, Psychology Tata Mc-Graw-hill Publishing Company Ltd.
- Kumar A. (2002) Fundamental of child Rights-concepts, Issues and challenges (Vol.I & II)
- Gupta, S.P. and Gupta Alka (2004). Advanced educational Psychology, Sharda Pustak Bhawan, Allahabad.
- Chauhan Reeta and Phathak P.D. Pathak Childhood and Growing up, Agarwal Publication Agra 2016-17.

Bachelor of Education (B.Ed.)

First year (First Semester) Detailed Syllabus

Paper- BD 102

CONTEMPORARY INDIA AND EDUCATION

Objectives:

After completion of this course student teachers will be able to analyse, Critically interpret the issues and challenges of contemporary Indian social order and describe their implications for organizing teaching learning programmes at the school levels.

Unit I: Overviews of educational school (Indian & Western)

- India school of thoughts; Nyaya, Sankhya & Vedant
- Western School of thoughts; Idealism, Naturalism & Pragmatism

Unit II: Indian Education: A Normative vision

- Normative Orientation of Indian Education: A historical perspective.
- Universalization of Education.
- Constitutional values related to aims of Education.
- Contemporary issues and challenges in Indian Education

Unit III: Vision of Education thinkers:

- Dr. Radha Krishnan
- Mahatma Gandhi
- Swami Vivekanand
- Sri Arvindo

Unit IV: Perspectives of Education Policy.

- Overview of education commissions; Kothari Commission, Radha Krishnan Commission, NEP-2020
- Overview of government bodies; UGC, NCERT, NCTE,

Practicum/work experience: any one from following. The course will be transacted through seminars, workshop and presentation made by individuals and group on specific themes highlighting the problems of inequity and discriminations in the society.

References:

- Apple, M.W. (2008). Can schooling contribute to a more just society? "Education citizenship and social justice, 3(3), 239-261.
- Govinda, R. (2011). Who goes to school? Exploring exclusion in Indian Education oxford university Press.
- Pandey K.P.; Bhartiya Shiksha ki samasyaen Vantran Sandarbha, Amitabh Prak, Meerut.
- Tyagi Gurusaran Das; Bharat me shiksha Ka Vikas, Vinod Pustak Mandir, Agra.
- Upadhyaya, Pratibha; Bhartiya Shiksha mein Udiyaman Pravrittiyan, Sharda Pustak Bhawan, Allahabad.
- UNESCO (2006); United Nations Convention on the rights of person with disabilities UNESCO.
- UNESCO (2009); Policy guidelines on inclusion in education. UNESCO Saxena Vandana & Singh Savita, Samkalin Bharat Avam Shiksha, Rakhi Prakash, Agra.

Bachelor of Education (B.Ed.)

First year (First Semester) Detailed Syllabus

Paper- BD 103

LANGUAGE ACROSS THE CURRICULUM

Objectives:

- To develop the sensitivity towards language diversity that exists in the class room
- To develop listening and speaking ability.
- To develop communication skills to know about the need of effective reading and writing.
- To understand the nature of classroom discourse.

Unit 1: Language across the curriculum approach:

- Meaning, nature and function of language & Interaction in classroom learning.
- Language diversity: Differential status of Indian language and multi-cultural awareness in the classroom.
- Multilingualism: As a resource of language learning.

Unit II: Communication:

- Meaning, nature, principles and types of communication.
- Components of communication process: Sender, Message, Receiver and Medium etc.
- Language as a tool of communication.

Unit III: Acquisition of the Four Language Skills:

- Listening & Speaking skills: Process and Strategies.
- Reading & Writing skills: Process and Strategies.
- Relationship between Reading and Writing.

Unit IV: Classroom Discourse & Personality Development:

- General classroom or oral language, discussion & questioning as a tool for learning. Role of teacher in classroom discourse.
- Constructive skills – Engaging, Exploring, Explaining, Elaborating and Evaluating.

- Life Skills: Self-awareness, Empathy, Analytical or Critical thinking, Creative thinking. Decision making & Problem-solving skill. Management skills and Social skills.

Practicum work: Analysis of text books to construct and discuss the nature and types of knowledge and Pedagogical elements, writing a review of summary of text.

Suggested Readings/References

- Batra P. (Ed.) (2010). Social Science Learning in Schools Perspective and Challenges, New Delhi: Sage Publications.
- Dewey J. (1897). My Pedagogic creed, School Journal, Vol. 54.
- Bruner J. (1996). In the Culture of Education Cambridge: Harvard Press, Chapter - 2, Folk Pedagogy, 44-65

Bachelor of Education (B.Ed.)

First year (First Semester) Detailed Syllabus

Paper- BD 104

YOGA EDUCATION

Objectives:

Having learnt these concepts student teacher may able:

- To explain and define Yoga.
- To explain the importance of Yoga in Human life.
- To describe the origin of Yoga from vedas to modern period.
- To identity the badhak and sadhak tatva of Yoga as given in Hath, Pradeepika, Gherand Sanhita & Modern Yogacharyas.
- To know the techniques & systems of Yoga.
- To explain the importance of asthang Yoga Mudras & Bandh.

UNIT I: Concept, Aims and importance of Yoga.

- Meaning and Definition of Yoga.
- Objectives of Yoga.
- Importance of Yoga.

UNIT II: Origin & Development of Yoga.

- Yoga in verdas, Upnishads and Smrities.
- Yoga in Geeta.
- Yoga in moderns period.

UNIT III: Elements of Yoga: Badhak and Sadhak Tatwa.

- Sadhak and Badhak tatva according to Hath Pradipika
- Sadhak and Badhak tatva according to Gherand Sanhita/Yogsutra.
- Sadhak and Badhak tatva according to Modern Yogacharya.

UNIT IV: Techniques and systems of Yoga.

- Shatkaran (Dhauti, Vasti, Neti, Nauli, Tratak and Kapal Bhati)
- Mudtras and Bandh
- Ashtang Yog
 - i) External- Yam, Niyam, Asan, Pranayam, Pratyhar
 - ii) Internal- Dharna, Dhyan, Samadhi

Practicum work:

- i) Student teachers have to attend five days yoga practice camp organized in the college permissive.
- ii) Student teacher have to submit the report of the camp attended.

सन्दर्भित पुस्तकें

- | | | |
|---------------------------|---|--------------------|
| 1- योग के आधार | : | बी०के०एस० आर्यंगर |
| 2- योग शिक्षा | : | डॉ उदय चौहान |
| 3- पतंजलि योग सूत्र | : | महर्षि पतंजलि |
| 4- हठ प्रदीपिका | : | स्वामी स्वात्माराम |
| 5- योग द्वारा स्वस्थ जीवन | : | बी०के०एस० आर्यंगर |

Reference: Yoga Education.

- Yoga Education: Dr. S., Selvalxmi
- Yoga Education: An Indian Perspective by B. Ramaswamy
- Yoga Education : A Text Book by Kamakhya Kumar
- Yoga the Path To huhtz Health by B.K.S. yngar
- Patnjali Yogashtra.

Bachelor of Education (B.Ed.)

First year (First Semester) Detailed Syllabus

Paper- BD 105(A)

VALUE AND PEACE EDUCATION

Objectives:-

- To scientifically analyse values in Indian culture and tradition.
- To understand the Indian values according to shraddha and logic.
- To analyse the ethical, artistic and pleasant values.
- To develop the teaching learning method for adaptation and assimilation in life values.
- To explore the meaning of ethics and value.

UNIT I: Value Education: Concept, Perspectives and Type

- Meaning, Concept, Nature and Sources of Value Education.
- Perspectives of Values Rational, Philosophical, Religious, Psychological and socio cultural.
- Fundamental Human Values: Truth, Peace, Non-Violence, Righteous conduct etc.
- Typologies: Intrinsic and Extrinsic values.

UNIT II: Agencies, Theories and value Crisis.

- Agencies of value Education: Family, School and Society.
- Role of Teacher, Parent, Culture, Media, Science-technology in the development of values.
- Human Rights commission, UDHR, Constitution etc.
- Theories of Response Laurence Kohlberg and Carol Gilligan.
- Values Crisis: concept, conflicts as challenge vs. Hinderence.

UNIT III: Peace Education: Meaning, concept, scope and Agencies.

- Meaning, Concept and objectives of peace education.
- Scope of Peace Education: Its place in Curriculum & Relevance in Present Scenario.
- Sources of Peace: Philosophical, Religious, Social and Psychological
- Agencies for Peace Education: Family, Community, School & Society (With Special Reference of developing values for peaceful co-existence)

UNIT IV: Global Issues and Peace Movement

- Human Rights as a Duty.
- Teacher's role in promoting peace.
- Preservation of Ecology, Population control, Economic Exportation, challenge not Deprivation.
- Role of World Organizations is promoting peace Education (UNESCO, UDHR, Cultural Programs etc.)

Practicum: (Choose any One)

- Application of one Strategy of value inculcation among school children and its report.
- Study of UDHR: Human Rights thorough performing Duties.
- Make a report on home problems can be taken as challenge.
- Develop a Personality Development Program (Incorporation the Culture and peace making techniques)

References:

- Prem Kripal-Value in Education, NCERT, New Delhi, 1981
- Swami Raghunath Anad-Eternal values for a changing society, BVM, Bombay, 1971
- गोयन का जयदयाल—महत्वपूर्ण शिक्षा, गीता प्रेस, गोरखपुर, ३०८०।
- उर्वशी सरती—नैतिक शिक्षा एवं बाल विकास, प्रभात प्रकाशन, चावड़ी बाजार, दिल्ली।

Bachelor of Education (B.Ed.)

First year (First Semester) Detailed Syllabus

Paper- BD 105 (B)

TEACHER EDUCATION

Objectives:

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

- Describe the importance and scope of teacher education.
- Understand the roles and responsibilities of teachers and teacher educators .
- Highlight the aims and objectives of teacher education at elementary, secondary and college level.
- Discuss the concept and importance of professional development of in- service teachers and familiarize with programmes of faculty improvement.
- Acquaint the student with various agencies for in-service education of teachers.
- Describe the modes of education used for teacher education through distance mode.

UNIT I: Scope, Responsibilities, Objects and Importance of the teacher education:

- Meaning, definition and Scope of Teacher Education - Preparing Teachers for Elementary, Secondary & Higher education.
- Agencies regulating Teacher education in India - NCERT, NCTE, SCERT, DIET: roles and responsibilities, policy documents)
- Importance of Teacher Education: Teacher educators their Role & responsibilities .
- Quality control of teacher education and practicing school.

UNIT II: Scope of the Training and Apex Bodies :

- Pre- Service Training: Objectives and scope .
- Isolation of teacher education institutions.
- Issues, concerns and problems of the pre-service teacher education.

UNIT III: Concept and Characteristics of Teaching Profession-

- Profession- concept and characteristics.
- Teaching Profession- concept and characteristics.
- Professional Development- Aims and objectives.
- Competency Based Teacher Education, Accountability in teacher education.

UNIT IV: Management and Administration of the Teacher:

- Total Quality Management in teacher education.
- E- Learning and M- learning in Teacher Education.
- Teacher Education through Distance mode.
- Integration of ICT in teacher Education.

Practicum work: Assignment of any topic given in syllabus.

References:

- Aggarwal, J.C.(1984): Landmark in the history of modern India education , Vikas Publishing House, Ansari Road , New Delhi 110002.
- Chaurasia, G (1976): New Era in Teacher Education. New Delhi.
- Devedi, Prabhakar (1990): Teacher Education- A Resource Book, N.C.E.R.T., New Delhi.
- Govt. Of India (1966): Education and National Development. Report of Education Commission, New Delhi.
- Govt. Of India (1992): Report of C.A.B.E. Committee Department of Education, New Delhi.
- Khan, Mohd. Shariff (1963): Teacher Education in India and Aboard, Sheetal Printing Press, Karol Bagh, New Delhi-110005.
- Kohli, V.K. (1992): Teacher Education in India. Vivek Publishes, Ambala.
- Govt. Of India (1986): National Policy of Education, Ministry of Human Resource and Deve

Bachelor of Education (B.Ed.)

First year (First Semester) Detailed Syllabus

Paper- BD 105(C)

ENVIRONMENTAL EDUCATION

Objectives:-

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

- Understand the concept, aims and objectives of environmental education.
- Understand possible environmental hazards and their negative effects and method to minimize them.
- Identify various methods and strategies for realizing importance of environment.
- Establish the relationship of man with environment.
- Appreciate the role of various agencies working in the area of environment.

UNIT I: Introduction Environmental Education.

- Meaning, Scope, dimension and Nature of environmental education.
- Aims & objectives of environmental education.
- History & Movements of environmental education in India.

UNIT II: Curriculum of Environmental Education.

- Methods for making environmental education effective:-
- Lecture, discussion, survey, project & field work-cum demonstration.
- Role of media-Print, Films, T.V. and Audio-Visual aids, Eco club, exhibition in environmental education.
- Role of school & teacher in environmental conservation & sustainable development.

UNIT III: Ecosystem and Man.

- Ecosystem-structure types and functions.
- Food chain, food web and ecological pyramids.
- Effects of human activities on eco system.

UNIT-IV Environmental crisis

- Pollution-causes, effects and remedies of air, water, soil. Noise and Radiation pollution.
- Acid rain, green house effects, global warming ozone depletion, population explosion exploitation of energy resources.
- Disaster-Natural and Man Made, disaster management and its litigation.

Practicum/work experience:

- i) Preparation survey report of any public place, Bus stand Railway station, hospital etc.
- ii) Preparation of an innovation based article on E.E.

References:

1. हरिश्चन्द्र व्यास (2001) पर्यावरण शिक्षा, नई दिल्ली, विद्या बिहार।
2. सक्सैना हरिमोहन (2003) पर्यावरण अध्ययन, श्री गंगानगर, अग्रवाल साहित्य सदन।
3. सक्सैना ए.बी. (1998) पर्यावरण शिक्षा नई दिल्ली, आर्थ बुक डिपो।
- 4- NCERT (1981) Environmental Education at school level, New Delhi

Bachelor of Education (B.Ed.)

First year (First Semester) Detailed Syllabus

Paper- BD 105(D)

HEALTH AND PHYSICAL EDUCATION

Objectives: To enable the student-teacher to:

After completing this course student teacher will able to:

- To Introduce the student teacher with the concept of Holistic health.
- To understand the various dimensions and determinants of health.
- To acquaint them to school health programme and its importance.
- To understand the need and importance of Physical Education.
- To make them aware of the benefits of physical fitness and activities for its development.
- To introduce them the need of yoga and its importance.

Unit I:

- Meaning definition, Aims and objectives of physical education,
- Need and importance of physical education in different level of school.
- Misconceptions of physical education.
- Concept, dimension, developments and determinates of health.
- Health Education: Concept, Aims, objectives and scope.
- School health programme and role of teacher in the development of health.

Unit II:

- Physical fitness concept, factors affecting, benefits and assessment of physical fitness.
- Need and importance of physical activities at school level.
- Classification of foods balance diet, role of various nutrients.
- Vitamins and their role, malnutrition, adulteration of food.

Unit III:

- Personal and environmental hygiene: Concept and importance.
- Care of skin, mouth, nails, clothing and bathing etc.
- Brief account of housing water supply, sewage and proper disposal.
- Development of personal and environmental hygiene.
- Concept of first aids, importance and knowledge of first aids for the school teacher.
- First aids for sun stroke, snake bite, dog bite, fracture etc.
- First aid box in its importance in School

Unit IV:

- Meditation: Meaning, Nature & Relationship with mind.
- Importance of Meditation in school.
- Stress: Meaning Nature, Type and Factors.
- Role of Meditation in Stress Managment.

Practicum work:

- i) Assessment of Health related physical fitness (H.R.P.F.), Body composition: Body Mass Index (B.M.I.) and Waist Hip Ratio (W.H.R.)
- ii) Assignment on different meditation techniques.

References:

- Dr. Ajmer Singh (2003). Essential of Physical Education. Ludhiana Kalyani Publishers.
- Daryl Sydentop (1994): Introduction to physical education, fitness and sports (2nd ed.) London: Mayfield publishing company.
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Bachelor of Education (B.Ed.)

First year (Second Semester) Detailed Syllabus

Paper- BD 201

TEACHING AND LEARNING PERSPECTIVES

Course Objectives:

After completing this course the student teachers will be able to:

- Acquire knowledge and understanding about the learner and the teaching-learning process to bring effectiveness in the learning outcomes.
- Gain and understanding of different theoretical perspectives on learning with a focus on cognitive views of learning as well as social constructivist theories.
- Understand the individual differences in cognitive abilities among the learners and decide the teaching-learning strategies appropriate to the needs of the learners.
- Appreciate the critical role of learner differences and contexts in making meanings and draw out implications For School and teachers.
- Be acquainted with group dynamics and various roles of the teachers in teaching learning process.
- Understand the concepts of professionalism and be and encouraged to develop competencies to act as professionals.
- Comprehend the parameters of effective teaching so as to demonstrate his/her skills at different phase of teaching.

Unit I: Process of Knowing and Learning:

- Learning: Meaning, Nature Characteristics, Principles and types.
- Factors Affecting Learning: Maturation, Attention, Interest, Fatigue, School related factors
- Concept of Teaching: Meaning, Definition, Characteristics, forms
- Levels of Teaching: Memory, Understanding, Reflective.

Unit II: Approaches to Learning:

- Concept, theories and educational applicability of following approaches to learning.
- Behaviorist Approaches: Thorndike's Theory's of Trial and Error, Pavlov's Theory of Classical Conditioning, Skinner's theory of Operant Conditioning
- Humanistic Approach: Roger's Social Learning Theory.
- Motivation: definition, Types and Techniques, Maslow's Theory of motivation.
- Cognitive Approach: Burnner's Theory of Discovery Learning and Kurt Lewin's Field Theory,
- Constructivism: Cognitive, Constructivism and social constructivism (concepts and facts).

Unit III: Differences in Individual Learners:

- Intelligence: Nature, Theories - Thurnstorn's theory, Guilford's three Dimensional theory (5.1 model), Gardner's theory of multiple intelligence and assessment.
- Meaning and concept of personality, Type theory, Trait Theory and Freud's psychoanalytical theory.
- Creativity Concept: Factors and Nurturing creativity.

Unit IV: Essentials of teaching and Learning:

- Communicative teaching skills.
- Role of teacher in teaching & learning
- Models of teaching : Enquiry Training Model, Advance Organize Model, Mastery Learning Model

Practicum work:

- i) Written test and assignments for assessing conceptual understandings and clarity.
- ii) Administration and Interpretation of any one psychological test- Intelligence test (Performance non-verbal, verbal)/ Aptitude Test/ Creativity test/Personality test/ Aptitude test.

References:

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- Vygotsky, L.S.(1978): Mind in Society, Harvard University Press, Cambridge.
- Goalman, Daniel (1999): Working the Educational Intelligence London: Bloomsburi.
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Bachelor of Education (B.Ed.)

First year (Second Semester) Detailed Syllabus

Paper- BD 202

UNDERSTANDING DISCIPLINES & SCHOOL SUBJECTS

Objectives:

After completion of this course the student teacher will be able:

- To provide basic knowledge of various disciplines and subjects in the school curriculum.
- To know the history of teaching of different disciplinary areas like language, Mathematics, Social Science and Science.
- To know the content, theory and process of framing the syllabus of school subjects.
- To find out the challenge of school curriculum to design as a discipline oriented from learner oriented.

Unit I: Knowledge of disciplines:

- Meaning, Nature and Scope of Disciplines at School level.
- Importance of Disciplines.
- Correlation with other disciplines.

Unit II: Historical Aspects of disciplines:

- Historical Aspects of different Disciplines- science, social science, language, maths, commerce, home science and fine arts.
- Critical justification of difference Disciplines at school level (on the basis of philosophical and psychological)
- Modern aspect of Disciplines on the basis of future needs and social ethics.

Unit III: Framing of Disciplines:

- Theory of content- Need theory and hygiene theory.
- Paradigm of framing disciplines at school level.
- Challenges of Disciplines in school curriculum.

Unit IV: Recommendation of disciplines:

- Recommendation of disciplines by Kothari Commission, Mudaliar Commission.
- Recommendation by National Educational Policy.

Practicum work:

- i) Conduct seminar on scheme of school curriculum.
- ii) Workshop on any one disciplinary area like criticism of text book related to Social Science, Science, Maths and Language in the light of present head.

References:

- Naik, J.P. and Narullah, S (1974): A student s' history of education in India - (1800-1973) Macmillan.
- NCERT, (2005): National Curriculum framework NCERT, New Delhi.
- Coodson, I.F. & Martha, C.J. (2005), Studying School Subjects : A Guide Rouldeg.
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Bachelor of Education (B.Ed.)

First year (Second Semester) Detailed Syllabus

Paper- BD 203

ART AND AESTHETICS IN EDUCATION (EPC-I)

Objectives:

After completion of this course the student teacher will be able:

- To understand the concept of Art and Aesthetics.
- To explain the need and importance of Art and Aesthetics in education as well as other spheres of human life.
- To conceptualize the historical perspective of Indian Art.
- To familiarize with various form of Art/performing Art.
- To conceptualize the historical, educational and socio-cultural perspective of fairs and festivals.
- To understand the role of family, school and society in nurturing Aesthetics sense.

Unit I: Conceptual Perspective of Art:

- Meaning, concepts and importance of Art.
- Historical perspective of India Art.
- Importance of Art in education.
- Types of Art and relationship of Art in human life.
- Issues and challenges of Art in education.

Unit II: Aesthetics an overview:

- Concepts, elements and characteristics of Aesthetics.
- Relationship of Art and Aesthetics.
- Importance of Aesthetics in education and human life.
- Role of parents and teachers in developing Aesthetic sense.

Unit III: Performing Art: Culture, Conceptual and contemporary Perspective:

- Concepts, need and importance of performance Performing Art in Indian context.
- Cultural perspective of music, dance and drama.
- Form of performing Art: Music, Dance, Drama, Drawing and Craft.
- Performing Art in contemporary Indian society.

Unit IV: Fairs and Festivals of India:

- Historical perspective of fairs and festivals.
- Famous fairs and festivals of India.
- Socio-culture importance of fairs and festivals.
- Aesthetics significance of festivals and fairs.

Practicum work:

- i) Prepare a report on local fair of your town/city.
- ii) Prepare an album on latest trends of Art & Craft.
- iii) Write an assignment on any topic of your choice from syllabus.

References:

- Drama, Art and Aesthetics, Dr. Ragini Makkhar, Madhav Prakash, Agra.
- Jagdish Gupta, Pre historic Indian Painting North Central Zone, Cultural Centre.
- Barnard Nicholas, Art and craft in India London conran, Octopus Ltd.
- Gupta, Swarajya, P. Roots of Indian Art., D.K. Publisher, new Delhi.
- Arya Jaids: Kala Ke Adhyapan, Vinod Pustak Mandir, Agra.
- Ruth Dunneth: 'Art and Clired Personality, Metheun and Co. Ltd, London, 1945.
- Kiya Shiksha. Vol. No. 4, April 1966, Special Vender, Art education, Publication by department of Education, Rajasthan, Bikaner.
- शिक्षण में कला एवं सौन्दर्यशास्त्र— गुलशन ग्रोवार, राखी प्रकाशन, प्रा0 लि0, आगरा।
- शिक्षा में कला नाट्य एवं सौन्दर्यशास्त्र— आन्श्वना सक्सेना/सुशील सरित।

Bachelor of Education (B.Ed.)

First year (Second Semester) Detailed Syllabus

Paper- BD 204

CRITICAL UNDERSTANDING OF ICT (EPC-II)

Objectives:

- To enable student teacher to use E.T. approach for optimizing Learning outcomes in various subjects at school level.
- To enable them to make intelligent use of ICT.
- To enable them to use exciting technologies in education.
- To enable them to design and develop ICT integrated learning sources.
- To enable them to develop the professional and personal self.

Unit I: Teaching with Technology

Instructional application of technology (Computer assisted instruction), Using ICT and multimedia as technology enhanced communication devices in teaching and learning, plagiarism check for authenticity of documents.

Unit II: Learning with Technology

Use of ICT recourses to keep up-to-date on issue related to education. Using the internet as well as working safely (and securely) for its educational use. Online collaboration (through skype, google talk, etc.)

Unit III: Adopting innovative technologies to Education.

Emerging trends and technologies for facilitating learning like - Massive Open Online Coursed (MOOC) web 2.0 tools, Use of modular Object Oriented Dynamic Learning Environment (MOODLE), Learning in Virtual environment, Webinars.

Unit IV: (ICT for academic Support)

Use of online discussion forum (viz. blogs. son e-magazines e-articles e-discussions etc) Accessing digital resources for self learning needs like websites information portals online admission system.

Practicum work:

- i) Construction of lesson plan by. Use of Audio-Visual Media and computers.
- ii) Prepare a sample report card processing scores in excel worksheet.

References:

- Becker, H.J. & Riel, M.M. (2002). Teacher professional engagement and constructivist-compatible computer use (Report No. 7). Irvine, CA: Center for Research on information technology and organizations.
- UK Sing & KN Sudarshan: Computer Education- A Reference Guide to Using Internet Resources.
<http://www.bedfordstmartins.com/online/citex.html>
- Wikipedia- online encyclopedia website- <http://www.wikipedia.org/>
- E-learning India Website-<http://elearning-india.com/>
- कुलश्रेष्ठ एस0पी0—शैक्षिक तकनीकी के मूल आधार, विनोद पुस्तक मंदिर, आगरा।

Bachelor of Education (B.Ed.)

Second year (Third Semester) Detailed Syllabus

Paper- BD 301

KNOWLEDGE AND CURRICULUM

Objectives:

After completion of the course, the student will be able:

- To understand the social basis of education.
- To understand distinction between knowledge, skill, teaching and training.
- To understand curriculum and preparation of curriculum.
- To understand education in relation to modern values, equity, equality, individual affirmity, dianity and social justice.
- To discuss three concepts- activity, discovery and dialogue with reference to Gandhi Ji, Jai Krishan Murti, Tagore, Dewey, Plato.

Unit 1: Meaning and Nature of Knowledge

- Meaning and nature of knowledge in education.
- Difference between information, knowledge, belief and opinion.
- Ways and means of knowing.
- Role of knower and the know in knowledge transmission and construction.

Unit II: Concept of Curriculum

- Meaning, definition and characteristics of curriculum.
- Scope of curriculum at secondary level and senior secondary level.
- Objectives of curriculum at secondary level and vocational courses.
- Relationship between curriculum and education.

Unit III: Organizational Climate for Transmission of Knowledge

- School as an organization - meaning, needs, types and principles of school organization, administration and management.
- Co-curricular activities - meaning, importance and principles of organizing co-curricular activities.

- Place of language is school curriculum.
- School climate: conducive, Learner-friendly, inclusive, vibrant

Unit IV: Role of Teacher and Principal for Construction of Knowledge

- Leadership- Concept, need and development of leadership quality among teachers and students.
- Discipline - Concept, basis of discipline, causes of indiscipline and its remedial, resources, rewards and punishment as techniques of maintaining discipline.
- Role of teacher in proper class management and learning environment, teachers self assessment and accountability.
- Punishment and its legal implications.

Practicum work:

- i) Review the school time-table planning and its effectiveness towards attaining academic expectations.
- ii) Organize co-curricular activities.

References:

- UNESCO (2009) Policy guidelines on inclusion in education (UNESCO).
- Plato (2009) Reason and persuasion three dialogues (Chapter) in J. Holloo (Ed) memorauson, persuasion in virtue person.
- Goodson I.F. & Marsh, C.J. (2005) Studying school subject a guide Rouldgo.
- Ghos, S.C. (2009) History of education in India, Rawat Publication.

Bachelor of Education (B.Ed.)

First year (Third Semester) Detailed Syllabus

Paper- BD 302

SCHOOL ADMINISTRATION AND MANAGEMENT

Objectives-

After Completing this Course, the student will be able to:

- Understand the basic knowledge (concept, nature, need and scope) of school management and use of managerial concerns in school education and their implications.
- Acquire basic knowledge: (facts, concepts, theories and principles) of educational administration
- Develop competencies in using the results of SWOT analysis for better management of the classroom and school system.
- Acquire appropriate skills and competencies for imbinding effective transactional and transformational leadership attributes.

Unit I: Concept of school management

- School Management: - concept, nature, need and scope.
- Functions of Basic management and their implications for effective school management
- Qualities and duties of head of institution as manager and administrator.
- Qualities and duties of teachers as manager, facilitator, counselor and community leader.

Unit II: Approach for School Management

- Meaning and concepts of SWOT analysis, needed skills for conducting strength, weaknesses, opportunities and threat.
- The concept of TQM (Total Quality Management) and the scope for its application in school management.
- System Approach in School Management -Process,Steps and advantage

Unit III: Concept of Educational Administration

- Educational Administration: Meaning, nature, definition, scope and functions.
- Objectives, types and principles of Educational Administration.
- Authoritarian and democratic educational administration.
- Difference between Educational Administration and Management.

Unit IV: Educational Planning and Leadership

- Educational Planning: Meaning, nature, need and importance.
- Educational Leader : Qualities and Duties.
- Theories of leadership and their styles.

Practicum Work:

- i) Practicum/Paper based activity designed by the teacher/Assignment and Presentation of any topic related with the paper.
- ii) Formation of class timetable (subject wise), school time table and teacher timetable.

References:

- Agarwal, JC, (1994) Educational Administration Management and Supervision, New Delhi Arya Book Depo
- Agrawal, A. and Godboir, A. (2000) Shaikshik Prashasan Prabandhan and Swasthya Shiksha ,Alok prakashan,New Delhi
- Bhatia, K.K. & Singh, Jaswant: *Principles and practice of school management*, Tandon publications books market, Ludhiana.
- Bhatnagar, R.P. & Agrawal, Vidya: *Educational administration, Supervision, Planning & financing*, Surya Publication, Meerut.
- Koortz, Harold & Weihrich, Heinz *Essential of management an international perspective*, Tata Mc Graw-Hill Publishing Company Limited, New Delhi
- Kour, Gurvinder: School organization and Management, K. Lal Book Depot. Merut
- Sindhu, Kulbir Singh :*School organization and administration*. Sterling Publishing Private Limited, New Delhi
- Sukhia, S.P.: *Educational Organization, Administration and Health Education* Agrawal Publication, Agra.
- Vansbrey, G.K: Organisation and Management, S. Chand and Company LTD New Delhi

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Second year (Third Semester) Detailed Syllabus

Paper- BD 303

GUIDANCE AND COUNSELLING

Objectives:

After Completing this Course, the student will be able:

- To develop an understanding about the fundamentals of guidance and counselling.
- To develop an understanding of educational, vocational and personal guidance.
- To create an awareness of the working of guidance centres.
- To provide guidance and counselling for school level students.
- To acquaint the students with the testing devices and techniques of guidance.

Unit I: Guidance- An Introduction:

- Guidance; Concept & Principles
- Educational Guidance
- Vocational Guidance
- Personal Guidance
- Group Guidance: Concept, Need, Significance and Principles

Unit II: Counselling-An Introduction:

- Counselling-Concept, Principles & Process of counselling
- Skill of Counselling – Listening, Questioning, Responding, Communicating
- Role of Teacher as a Counsellor & Professional Ethics of Counselor
- Counselling Approaches -Directive, non-directive & eclectic
- Difference between guidance & counselling

Unit III: Organization of Guidance Services:

- Concept of organization of guidance services
- Planning & organization of guidance services at school level
- Role of teacher in organization of guidance services
- Problem in setting up guidance services & measures of improvement

Unit IV: Techniques of Guidance Services.

- Interview
- Observation
- Questionnaire
- Cumulative Record.
- Rating Scale.

References

- Agarwal J.C. (2004) Educational vocational guidance and counselling, Delhi, Doahahouse.
- Chauhan S.S. (1982) Principles and techniques of guidance, New Delhi, Vikas Publishing House.
- Crow, Lester, D & Crow. A (1960) An introduction to guidance, American Book Co.
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- Erolock Clifford P. (1968) Guidance services in schools, New York: McGraw Hill.
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- Kocher, S.K. (2007) Educational guidance and counselling, New Delhi sterling.
- Miller, Carroll H. (1971) Foundations of guidance New York Harper & Row.
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- Patterson, C.H. (1968) Counselling and psychotherapy, Harper & Row: 4th Editions.
- Seltzer, B and Stone, SC (1968) Fundamentals of counselling Boston Houghton Mifflin Co.

Bachelor of Education (B.Ed.)

Second year (Third Semester) Detailed Syllabus

Paper- BD 304

GENDER, SCHOOL AND SOCIETY

Objectives:

After completing this paper the student teachers will be able to-

- Develop basic understanding and familiarity with key concept-gender, gender via, gender stereotype, empowerment, gender parity, equity and equality, patriarchy and feminism,
- Understand the gradual paradigm shift from women's studies to gender studies and some important landmark in connection with Gender and education in the historical and contemporary period.
- Learn about gender issues in school curriculum and textual materials across disciplines. pedagogical processes and its inter section with class, cast, religion and region.
- Understand how gender, power and sexuality are related to education (in terms of subject, curriculum and pedagogy).
- Assess critically the impact of policies, programmes and scheme for promotion of gender equality and empowerment.
- Apply the conceptual tools learnt regarding Gender and sexuality to understand issues related to sexual harassment at the workplace and child abuse.
- Understand how gender relates to education and schooling. The student will be able to understand on how school as institution addresses gender concerns in curriculum, textual materials and pedagogy.

Unit I: Gender Issues: Key Concepts

- Gender and sex.
- Sexuality, Patriarchy, Masculinity and feminism.
- Gender bias, Gender stereotyping.
- Gender Empowerment

Unit II: Gender Issues: Paradigm Shift

- Historical Landmark: Social reforms moments in India and international conferences
- Paradigm shift from women's studies to gender studies.
- Constitutional safeguard for women
- Contemporary developments: Recommendation of various commissions in India, Five year plans: Programs related to women development.

Unit III: Gender and Education

- Literacy status and non formal Education.
- Primary and Secondary Education.
- Higher, Technical and Vocational Education.
- Issues, Challenges and Remedies.

Unit IV: Gender and social Development

- Gender and social mobility.
- Women as a Human Resource.
- Women and Economic Empowerment.
- Teacher as an Agent of change in Gender perceptions.

Practicum work:

Some of the following or similar activities, to be selected by subject-teacher will be organized:

- i) Analysis of text materials from the perspective of Gender bias,
- ii) Organizing debates on gender issues: equity and equality.
- iii) Creative expressions with respect to gender issues.
- iv) Field visit to schools for observing schooling process with regard to gender perspective.

References:

- Sharma, Nirmala: Women and education: Issues and Approaches.
- Agarwal, J.C: Bharat mein Nai Shiksha Niti
- Jha, A.K., Gender Inequality and Women Empowerment.
- Kaliya, N.N., Sexism in Indian Education.
- Chalatiya, Manoj- Stri Shiksha: Samajik Gatishilta
- Johari, D.: Gender, School tatha Samaj.

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- G.O.1.(1992), 1998): National Policy of Education, 1986 (As modified in 1992), Received from [http: mhrd.gov.in/sites/upload_files/mard/files/NPE86-MOD2.pdf](http://mhrd.gov.in/sites/upload_files/mard/files/NPE86-MOD2.pdf).

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Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(A)

PADAGEGY OF SCIENCE -I

(PHYSICS, CHEMISTY)

PEDAGOGY OF SCIENCE TEACHING (PHYSICS, CHEMISTRY)

Objectives:

After completing this paper the student teachers will be able to:

- Acquire knowledge about meaning, need, value & place of science teaching.
- Understand the objectives of general science teaching.
- Clarify different teaching methods & curriculum constructions.
- Explain functioning of science lab & library.
- Develop interest in scientific activities along with curricular activities.
- Construct lesson plan based on different approaches & models of teaching.

Unit I: Aims, objectives and Historical Perspectives.

- A critical study of the content of science prescribed at school level and its pedagogic implications.
- Science Teaching: Nature, Need and Scope. Its correlation with other subjects, Objectives of science teaching: objectives at different levels, Instructional Objectives and Bloom's Taxonomy.

Unit II: Method, Techniques and Teaching aids.

- Science teaching methods- Lecture method, Lecture-cum-demonstration method, Heuristic method, Project method and Modern trends in science teaching viz-e learning. Team teaching, integrated approach. Micro Teaching and Programmed Instruction.
- Teaching aids in science teaching- meaning, types, significance, qualities of a good teaching aid, self improvised apparatus and teaching aids, steps for effective use of audio-visual aids.

Unit III: Science Laboratory and Lesson Planning.

- Science laboratory: Organization and structure of science laboratory, administration, Science library: need & importance along with different activities of library.
- Science lesson plan- meaning, characteristics, major steps involved in lesson planning. Format of lesson plan, Different type of lesson plan based on different approaches.

Unit IV: Evaluation and Co-curricular activities:

- Evaluation in science: Construction of achievement test based on objectives type items for Formative and Summative evaluation.
- Co-curricular activities- science fair & exhibitions, science club excursion- visit to science museum & Science Park, concept mapping, constructivist approach in science teaching.

Practical Work:

- i) Preparation of Two Teaching Aids on Science Subject.
- ii) Construction of a lesson plan based on constructiv approach.
- iii) Innovative Essay writing on Science Topic.

References:

- Bloom, B.S. (1956) : "Taxonomy of educational objectives", David Mackay Company, INC, New York.
- NCERT : "Text Book of Science, NCERT, New Delhi.
- Pareekh, A.M. (2001) : "Lesson Planning in Indian School", R.C. of Education, Jaipur.
- Rao, D.B. (1997) : "Reflection Scientific Attitude", Discovery Publishing House, New Delhi.
- Singh, Satnam : Modern Methods of Teaching Science, Srishti Book Distributors, New Delhi.
- Singh, Uttam Kumar : Science Education, C.W. Nayak A.K.
- Sood, J.K. (1999) : "New Direction In Science Teaching". Kohali Publication, Chandigarh.
- Yadav, M.S. : Modern method of teaching of science, Anmol publishers, New Delhi.
- Rawat, D.S. : Vigyan Shikshan, Agrawal Publication, Agra.

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Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(B)

PADAGEGY OF SCIENCE-II

(ZOOLOGY, BOTANY)

PEDAGOGY OF Biology Teaching-II (ZOOLOGY, BOTANY)

Objectives:

After completing this paper the student teachers will be able to:

- Acquire knowledge about Meaning, Scope & Need of Biology.
- Understand objectives of Biology Teaching.
- Clarify the teaching methods and curriculum constructions.
- Analyse learning outcomes in Biology from the points of view of behaviorism to constructivism.
- Construct lesson plan on the basis of different approaches & teaching models.
- Develop interest in Biology laboratory work, Bio club, botanical garden.

UNIT I: Nature, Concept and Importance, Aims and Objectives.

- A critical study of the content of Biology prescribed at school level and its pedagogic implications.
- Biology teaching: nature, needs & scope, its correlation with other subjects; Place of Biology in school curriculum, difference between curriculum and syllabus, Principles of curriculum constructions. Aims and objectives of biology teaching, methods and techniques of writing specific objectives in behavioral term. Taxonomy of Educational objectives by B.S. Bloom. Skill of writing instructional objectives.

UNIT II: Methods and Approaches of teaching of Biology.

- Methods of Biology teaching- lecture method, lecture-cum-demonstration method, problem solving method, heuristic method, project method & laboratory method. Modern trends in biology teaching, E-learning, Team teaching, Integrated method, Micro teaching.
- Biological laboratory- Need and significance of laboratory work, administration and safety measures in the lab and first aid kit, low cost improvised apparatus, maintenance of Biology laboratory, need & importance Biology library,.

UNIT III: Teaching Aids, Co-curricular activities and Learning in Biology.

- Learning in Biology- Constructivism vs Behaviourism, Meaning & difference between constructivist & behaviourist approach, Constructivist classroom, teacher and lesson. Concept mapping- meaning, definition & its significance, connectivist Approach.
- Teaching Aids- meaning, type, significance & principles of the selection of proper teaching aids & their use. Co-curricular activities in Biology- visit to community resources, botanical garden, aquarium, vivarium & terrarium and their construction, Bio-club, Eco-club.

UNIT IV: Evaluation and Lesson Planning.

- Evaluation in Biology: Construction of achievement test based on objective type items for Formative and Summative evaluation.
- Lesson plan- characteristics, different approaches, major steps involved in lesson planning, format of lesson plan. Importance of lesson plan and different types of lesson plan based on different models of teaching viz. BTM & Biological inquiry training model and Concept Attainment Model.

Practical Work:

- i) Construction of an achievement test.
- ii) Construction of a lesson plan based on constructivist approach.
- iii) Essay writing on any innovation in Biology teaching & research.

References:

- Bhusan, S. : Biology teaching, Agarwal publication, Agra.
- Bloom, B.S. : Taxonomy of educational objectives, David Mackey, Newyork.
- Falk, Dons : Biology teaching method, Wiley Newyork.
- Kulshrestha, S.P. : Teaching of Biology, Loyal book department. Meerut.
- Kumar, S. : Biology Teaching. Agrawal Publication, Agra, 2010.
- Ratho, T.N. : Emerging Trends in Biology teaching. Surya Prakashan, Meerut.
- Ravi Kumar, S.K. : Teaching of Biology. Mangal deep Pubishers, Meerut.
- Singh, Satnam : Modem Methods of Teaching Zoology. Srishti Books Distributors. New Delhi.
- Sood, J.K. : Teaching life sciences, Arya book depot, New Delhi.
- Yadav. K. : Teaching of life science, Anmol publication, New Delhi.

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Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(C)

PADAGEGY OF SCIENCE-III

(MATHMATICS)

PEDAGOGY OF TEACHING-II (MATHEMATICS)

Objectives:

After completing this paper the student teachers will be able to:

- Know the place of mathematics in school curriculum and aims of mathematics teaching.
- Use the teaching methods in mathematics teaching.
- Prepare lesson plan of mathematics teaching.
- Use the teaching aids in mathematics teaching.
- Develop standardized achievement test in mathematics.

Unit I: Foundation of Mathematical Education.

- A critical study of the content of mathematics prescribed at school level and its pedagogic implications, Correlation of mathematics with other subjects.
- Contribution of Great Mathematicians- Aryabhata, Bhaskaracharya, Ramanujan, Gauss and Pythagoras, Place of mathematics in school curriculum, Microteaching in Mathematics. Teaching skill in Mathematics.

Unit II: Aims, objectives and curriculum reform.

- Aims and objectives of mathematics teaching. Taxonomy of B.S. Bloom.
- Curriculum of mathematics- concept and principles of curriculum construction. Type of Curriculum, Knowledge of Mathematics and Mathematisation. Mathematics in NCF-2005.

Unit III: Methods and Approaches of Teaching of Mathematics.

- Methods used in mathematics teaching- Inductive-Deductive method, Analytic and Synthetic method, Lecture method, Heuristic method and Project method.
- Using various techniques for teaching mathematics viz oral, written, drill and assignment or home work.

Unit IV: Lesson Plan and Evaluation in Mathematics.

- Lesson plan and teaching aids in mathematics teaching. Mathematics Library, Laboratory and club.
- Evaluation in mathematics: Construction of achievement test based on objective type items and determination of its reliability and validity. Formative and Summative evaluation Comprehensive and Continuous evaluation.

Practical work:

- i) Preparing Unit- test based on Mathematics curriculum at school level.
- ii) Preparation of to teaching Aids on Mathematics subject.
- iii) Innovative Essay writing on Mathematics topic.

References:

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Bachelor of Education (B.Ed.)

Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(D)(i)

PADAGEGY OF LANGUAGES-HINDI

PEDAGOGY OF HINDI TEACHING

लक्ष्य

- भावी शिक्षकों में हिन्दी शिक्षण हेतु भाषा सम्बन्धी आधारभूत योग्यताओं का विकास करना।
- भावी शिक्षकों में हिन्दी भाषा शिक्षण सम्बन्धी योग्यताओं का विकास करना।
- भावी शिक्षकों में हिन्दी शिक्षणोपरान्त अपेक्षित कुशलताओं का विकास करना।
- भावी शिक्षकों में हिन्दी सम्बन्धी विभिन्न कक्षोत्तर भाषिक एवं साहित्यिक क्रियाओं के आयोजन की क्षमता का विकास करना।
- सहायक सामग्री के निर्माण एवम् प्रयोग की कुशलता का विकास करना।

प्रथम ईकाई: आधारभूत संरचना, स्थान, सिद्धान्त एवं उद्देश्य।

- भाषा का अर्थ, आधार एवं प्रकृति।
- देवनागरी लिपि एवं उसकी विशेषतायें।
- हिन्दी भाषा के विविध रूप: राष्ट्रभाषा, मातृभाषा, अन्तर्राष्ट्रीय भाषा, माध्यम भाषा, ज्ञान की भाषा एवं शिक्षक-शिक्षार्थी संबंध के आवश्यक पहलू के रूप में।
- हिन्दी भाषा का महत्व एवं पाठ्यक्रम में स्थान।
- हिन्दी शिक्षण के सामान्य सिद्धान्त एवं सूत्र।
- हिन्दी शिक्षण के लक्ष्य एवं उद्देश्य (सामान्य-विशिष्ट एवं ब्लूम टैक्सोनोमी के अनुसार)

द्वितीय ईकाई: हिन्दी शिक्षण की प्रमुख विधियाँ, प्रणाली एवं पाठ्य-पुस्तक।

- हिन्दी शिक्षण की प्रमुख विधियाँ: प्रत्यक्ष विधि, पाठ्य-पुस्तक विधि, आगमन-निगमन विधि, अनुवाद विधि आदि।
- हिन्दी शिक्षण की प्रमुख प्रविधियाँ: प्रश्न प्रविधि, कथन प्रविधि, स्पष्टीकरण प्रविधि, व्याख्या प्रविधि, अभ्यास प्रविधि आदि।
- हिन्दी शिक्षण की प्रणालियाँ: प्राकृतिक प्रणाली, ढाँचागत प्रणाली, उद्देश्य परक संप्रेषणात्मक प्रणाली आदि।
- पाठ्य-पुस्तक की उपयोगिता, विश्लेषण एवं आलोचनात्मक मूल्यांकन।

तृतीय ईकाई: पाठ-योजना एवं शिक्षण –सहायक सामग्री।

- पाठ-योजना निर्माण के उपायम
- पाठ-योजना निर्माण करना: इकाई पाठयोजना, सूक्ष्म पाठ-योजना, वृहत्त पाठयोजना एवं उसकी उपयोगिता।
- गद्य, पद्य, कहानी, निबंध एवं व्याकरण की वृहत्त पाठ योजना तैयार करना।
- शिक्षण सहायक सामग्री: श्रव्य, दृश्य एवं श्रव्य-दृश्य सामग्री।
- भाषा प्रयोगशाला की उपयोगिता।

चतुर्थ ईकाई: हिन्दी भाषा शिक्षण में मूल्यांकन।

- मूल्यांकन का अर्थ, महत्व एवं स्वरूप।
- मौखिक एवं लिखित मूल्यांकन की प्रविधियाँ।
- भाषिक कौशलों को जाँचने हेतु मौखिक/लिखित प्रश्नों का अभ्यास-पत्र तैयार करना।
- सतत् एवं व्यापक मूल्यांकन का अर्थ, संप्रत्यय, महत्व, प्रकार एवं प्रविधियाँ
- त्रुटि पहिचान एवं उपचारात्मक शिक्षण।

दत्त कार्य (कोई एक)

1. भाषायी कौशल श्रवण, लेखन, वाचन एवं पाठन के विकास हेतु प्राथमिक/माध्यमिक स्तर पर किन्हीं दो पर प्रभावी गतिविधियाँ तैयार करना।
2. भाषा के रचनात्मक, दृष्टिकोण को ध्यान में रखते हुये कम से कम तीन गतिविधियाँ तैयार करना।
3. हिन्दी शिक्षण को प्रभावी बनाने के लिये दृश्य, श्रव्य एवं दृश्य-श्रव्य सहायक सामग्री के चार्ट, मॉडल्स एवं अन्य उपयुक्त सामग्री तैयार करना।

संदर्भ सूची:

1. Sharma, P.P & Gupta, M. (2007): Hindi Shikshan, Sahityagar Prakashan, Jaipur.
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4. Sharma, K.K. & Sharma, B. (2013-14) Hindi Shikshan Agarwal Publication, Agra.
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10. Kaushik, J.N. & Safaya. R. (1987): Hindi Shikshan, Hariyana Sahitya Akadami, Chandigarh.

Bachelor of Education (B.Ed.)

Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(D)(ii)

PADAGEGY OF LANGUAGES-ENGLISH

Objectives:

After completion of course the student will be able to:

- Develop a good understanding about the role, status, objectives and problems of Teaching English.
- Enrich the knowledge of English vocabulary, structures, grammar and usage and to develop the ability to teach them.
- Teach basic skills (Language) LSRW and integrate them for communicative purpose.
- Critically review and use appropriately different approaches, and methods of Teaching English.
- Plan and teach lessons in English prose poetry, grammar, composition and drama related to the prescribed syllabus.
- Choose, prepare and use appropriate teaching aids in the class-room both print and electronic material ECT also.
- Use various techniques for evaluation of learner's achievement in English Language.
- Identify and analysis errors of teaching learning and conduct remedial teaching.

Unit I: Language and its importance:

- Role of English Language:- English as a-
 - i) Means of Learning & communications
 - ii) Means of medium of Instruction
- Place of English Language in curriculums in India:
 - i) Second language
 - ii) Link language
 - iii) Constitutional Provisions for teaching of language
- Text book (1) its characteristics and utility
- Analysis and Evaluation of text books

Unit II: Methods, Approaches and Techniques for teaching of English:

- Methods: Direct method, Grammar translation method structure-situational method, Audio-Lingual Method, Inductive- deductive method, Natural Method and Bilingual Method.
- Approaches: Communicative approach, thematic approach and structural approach.
- Techniques: Language games, Computer assisted learning

Unit III: Plan and Resources for Teaching of English Language:

- Plan: Make a plan for Prose, poetry, composition, grammar and drama according to prescribed course.
- Resources:
 - i) Boards-White, Black-board, smart board Flannel board, Roll-up board.
 - ii) Audio-aids
 - iii) Visual-aids
 - iv) Language Lab
 - v) Audio-Visual aids
 - vi) Other related material i.e. Magazines News papers, stories etc.
- Types of Plan:
 - i) Micro Plan.
 - ii) Macro Plan.
 - iii) Unit Plan.

Unit IV:

- Evaluation:
- Its concept and meaning
- Type of Test-Achievement test, Proficiency test, Diagnostic Test, Prognostic test, Formative and Summative test.
- Concept of continuous comprehensive Evaluation.
- Various types of language test
- Concept and need of remedial teaching and remedial work.
- Criteria of a good language test.

Bachelor of Education (B.Ed.)

Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(D)(iii)

PADAGEGY OF LANGUAGES-SANSKRIT

PEDAGOGY OF SANSKRIT

Objectives:

On completion of the course, the student will be able:

- To understand the different roles of language.
- To develop understanding of the nature of language system.
- To understand the role of importance of Sanskrit and its cultural background.
- To know the place of Sanskrit in curriculum in India.
- To develop activities and tasks for learners.
- To practice the language teaching skills.
- To understand about the method of teaching Sanskrit.
- To understand the prepare various kinds of lesson plans.

Unit I: Basic Concepts, Importance, Aims and Objectives of Sanskrit Teaching

- Basic concepts: (i) Sanskrit language and literature, Sanskrit language and Indian languages, Sanskrit as a modern Indian language.
- Importance: (i) Importance of teaching Sanskrit in India. (ii) Problems related to Sanskrit teaching at school level.
- Aims and objectives of teaching Sanskrit at different levels.

Unit II: Role and Position of Language Sanskrit in India and Constitutional Provisions

- Role of language: Home Language and school language, language across the curriculum language as a means of learning and knowledge.
 - i) Place of Sanskrit at different levels of school education.
 - ii) Place of Sankrit in three language formula.

Unit III: Methods/Approaches and Audio-Visual Aids of Teaching Sanskrit

- Methods/Approaches: Direct method, Traditional method, Text-book method, Communicative approach, Grammar Translation method, Inductive-deductive method, structural Situational method.
- Print-media reference books, magazines etc.
- Language Labs etc.

Unit IV: Planning and Teaching of Sanskrit Language

- Planning: Importance, Nature, Objectives and needs of planning.
- Types of plan: Micro plan, Macro plan, Unit plan.
- Teaching and plan for prose, poetry, drama, grammar and composition.
- Type of questions/Test: Essay type, short-answer type, objective type, true and false, problem-solving.

सन्दर्भित पुस्तकें:

- संस्कृत शिक्षण—शुद्धात्म प्रकाश जैन
- संस्कृत शिक्षण—रामशकल पाण्डेय

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Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(D)(iv)

PADAGEGY OF LANGUAGES-URDU

Objectives:

After completion of the course, the student teacher will be able to:

- Understand the nature and mechanism of the language.
- Identify the components of the four language skills and acquire the same.
- Develop acquaintance with methods and approaches of teaching Urdu language.
- Organize different co-curricular activities and appreciate their values.
- Analysis the syllabus and text books.
- Plan and teach lesson in Urdu prose, poetry, drama, grammar and composition.
- Develop and Use teaching aids in the class room both print and audio-visual material aids and ICT.
- Understand the process of language assessment.

UNIT I: Basic concepts, Development and Contribution of Urdu Language.

- Concept of language (Verbal & nonverbal) Khat e Naqsh, Khat e Nastalige, Khat e Shikasht, Knowledge of Urdu Script, Intensive and Extensive reading.
- Origin and development of Urdu language.
- Importance & functions of Urdu language with special reference of Urdu language.
- Contribution of Urdu as a language in National Development
- Important features of good text books of Urdu language at secondary level.

UNIT II: Role of language and Constitutional Provisions for Teaching of Language

- Role of Language: Language as a
 - (i) Medium of Instruction
 - (ii) Medium of Communication.
 - (iii) Transmission of culture & heritage.
 - (iv) School subject

- (v) Medium of understanding and thinking.
- (vi) Language across the curriculum.
- Constitutional Provisions and Policies of language Education:
Article 343, 351, 350 (4), Kothari commission (1964), NPE-1986, POA-1992, NCF (2005), NEP -2020.

UNIT III: Methods/Approaches of Teaching and Teaching Aids

- Methods/Approaches: Direct Method, Structural Method, Trilingual Method, Translation Cum-Grammar, Communicative approach, Structural-situational Method, Audio-Lingual Method, Natural Method, Thematic Approach (Inter-Disciplinary).
- Meaning and Importance of Silent Reading and Loud Reading.
- Various forms of Teaching Aids:
 - a) Visual Aids
 - b) Audio Aids
 - c) Audio visual aids including (All programs, Radio, T.V. Film etc.).
- Need and Importance of Co-curricular activities in Urdu (Discussion, Debates, Workshops, Seminar, Symposium, Editing wall and Magazines).
- Urdu teaching and Learning through Language Lab.

UNIT IV: Planning, Teaching and Evaluation of Urdu Language

- Need and Importance of lesson planning (Micro & Macro).
- Types of Plan: Yearly plan, Unit plan and Daily lesson plan.
- Teaching various forms of Urdu language:
 - a) Method of teaching Urdu Prose and Poetry.
 - b) Method of teaching Urdu Grammar and Drama.
- Concept and meaning of Assessment and Evaluation.
- Types of Assessment: Formative and Summative.
- Types of Test: Essay type, Short answer and objective type.

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Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(E)

PADAGEGY OF SOCIAL STUDIES

(HISTORY, CIVICS, ECONOMICS & GEOGRAPHY)

Objectives:

After completion of the course, the student teacher will be able:

- To development understand the need teaching of social studies as an integrated discipline.
- To development a critical understanding about the nature of social studies and its interface with society.
- To development ability to organize curricular activities for promoting social studies teaching.
- To gain Knowledge about the different approaches with the discipline.
- To development certain professional skills useful for classroom teaching
- To enable the student. Teacher to become affective teachers of social studies.

Unit I

- Social studies: Meaning, Nature, scope Philosophical and theoretical basis of Social Studies.
- Need and Significance of teaching social studies at secondary level of education:
- Course subject of social studies and inter relationship between them and philosophical and the oriented basis of social studies.
- Aims and objectives of social studies at different level and instructional objectives of social studies teaching at secondary level.
- Democratice values and National objectives, citizenship.
- Difference between social studies and social science

Unit II

- Instructional strategies: meaning, importance and methods of teaching social studies.
- methods of social studies teaching: Lecture, Project method, text book, story telling, problem solving method, socialized method, supervised study method, Discussion method, Dramatized method.
- Techniques of teaching. Meaning and different techquincs of teaching of social studies.

- Principles and maxims of classroom teaching of social studies.
- Instructional aids: meaning, importance, kinds. Preparation, improvisation and effective use chart, Models, Scrap, T.V. Projector, Computer, Maps, Globe and Media etc.

Unit III

- Social Studies Curriculum School correlation other subjects.
- Microteaching skills: concepts, steps, characteristics, merit/demerits/skill plan-introduction, Questioning, stimulus Variation, Black boards, reinforcement, Instruction with example.
- Content analysis: Year plan, unit plan, lesson plan.
- Lesson plan. Meaning, Need, Importance, characteristics and Various approaches of Lesson Plan-Hearbart, Bloom, RCEM, NCERT.

Unit IV

Organization and planning of co-curricular activities in social studies-field trip, excursion/Bulletin board in social studies.

- Qualities and competencies of ideal teacher social studies.
- Evaluation: Concept, importance and types of evaluation-Competency based evaluation comprehensive, continuous evaluation.
- Tools of evaluation and characteristics. Of a good questions paper. Types of test items:
- Construction of achievement test and diagnosis testing and remedial teaching.
- Action research: Concept and identification of problem faced by the teachers in the classroom.

Unit V

- Objectives of measurement and evaluation in social studies, Developing Blue Print objective, content, items.
- Essay type, short answer type and objective type questions framing questions and their advantage and limitations.
- Components of social studies History, Geography, civics and economics: Meaning, Aims, Nature, Utility and lesson plan.
- Use of information and communication technology(ICT)in social studies teaching (with computer assisted methods)-Power point, Simulation, Software and Webinars.
- Using community resources in social studies:

Practicum Work: (Any one of the following)

- Preparation and administration of an achievement test in social studies.
- Organization of debate related to different issues of emerging social issues.
- Prepare a question bank of the topics in course book of social studies.
- 20 Hours of social service with any NGO in a project on a social issue.
- Assignment and presentation with power point.

References:

- G.S.Verma Smajik Vigyan Shikshan, Meerut, Loyal Book Depot.
- Bossing NL (1952). Teaching in secondary schools, New Delhi, Amrind Publication.
- Srivastava, Rama: Teaching of social studies, Agarwal Publication Agra.
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Bachelor of Education (B.Ed.)

Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(F)(i)

PADAGEGY OF FINE ARTS

(DRAWING & PAINTING)

Objectives:

After completion of the course, the student teacher will be able:

- To develop an understanding of drawing and painting.
- To understand the role and importance of drawing and painting and its cultural background.
- To know the place of drawing and painting in curriculum.
- To understand about the methods of teaching drawing and painting.

Unit I: Concept and Place of Drawing and Painting in School Curriculum.

- Vocational aspect of learning drawing and painting.
- Brief Historical development in drawing and painting.
- The importance of drawing and painting, its place in the secondary and higher secondary school curriculum.
- Meaning and Importance of Correlation and Correlation with other subjects.

Unit II: Aims, Objectives and Curriculum of Teaching of Drawing and Painting.

- Aims and objectives of teaching of Drawing and Painting and its various aspects at primary, secondary and Higher Secondary levels.
- Specific objectives of teaching (with respect to Bloom's Taxonomy).
- Planning of Drawing and Painting Curriculum for secondary and Higher Secondary School.
- Critical Evaluation of existing Curriculum and Suggestions for Improvement.

Unit III: Method, Techniques Teaching, Aids and Lesson Planning.

- Teacher Centered Method : Demonstration, Story-telling,
- Child Centered Methods: Free Expression, Project Method.
- Meaning and Importance of Lesson Planning.
- Unit plan, resource plan and lesson plan concept, importance and Preparation of lesson plan.

Unit IV: Use of Teaching Aids and Evaluation in Teaching Drawing and Painting.

- Audio-visual aids and their uses in teaching drawing and painting.
- Selection and preparation of audio-visual aids in teaching drawing and painting.
- Concept and role of evaluation of Drawing and Painting: Different types of test used in evaluation of theory (Objective, short answer and essay type.)
- Remedial teaching for backward and enrichment programmed for gifted children.
- Common errors in Drawing and Painting and remedial exercises.

सन्दर्भित पुस्तक

- ललित कला शिक्षण— अंजू बघेल

Bachelor of Education (B.Ed.)

Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(F)(ii)

PADAGOGY OF FINE ARTS

(MUSIC)

Objectives:

After completion of the course, the student teacher will be able:

- To understand the nature, scope and importance of music in school curriculum.
- To conceptualize the historical perspective of music in Indian context.
- To understand the principles and objectives of teaching music at school level.
- To understand and identify the technicalities of teaching music: qualities of music for, ideal music room and text book of music.
- To evaluate and assess the ability of students by using various modes accordingly.

Unit I: Nature and importance of Music.

- Nature and scope of music, vocal and instrumental
- Place of music in curriculum and its relation with other school subjects.
- Historical developments of music pre and post independence period.

Unit II: Aims and objectives of teaching music.

- General aims and objectives of teaching music at school level, writing objectives in behavioural terms according to B.S. Blooms.
- Aspects of teaching music.
 - i) Raga prashikshan
 - ii) Tal Prashikshan
 - iii) Training in appreciation in teaching music.
- Principles of teaching music, lesson planning meaning importance and types of lesson plan in teaching music (Theory & practical lesson plan)

Unit III: Technicalities of teaching music.

- Methods and techniques of teaching music lecture, demonstration, lecture-cum-demonstration.
- Immitation , dramatization, discussion description questioning, practice, rehearsal.
- Audio-visual aids-meaning and importance of audio-visual aids. criteria for selecting reaching aids.

Unit IV: Essentials of Music Teaching.

- Criteria of good text book of music at school level.
- Good qualities of a music teacher.
- Ideal music room, necessary equipments and maintenance of musical instruments.

Unit V: Evaluation in music.

- Need and importance of evaluation in music.
- Types of measuring instruments in music.
 - a) Essay Type
 - b) Objective Type
 - c) PracticalCriteria of good measuring instruments.
- Criteria for assessing performance in music.

Practicum work: (Any One)

- i) Assignment on writing objectives in behavioral terms for any content of music.
- ii) Preparing a biographical chart of famous musician of Indian music.

References:

- Mahantnagar, S. Teaching of music.
- The teaching of Music by Porf. P. Shambarmoorthy.
- Sangeet Bodh by Dr. S.S. Awasthi
- Teaching of Music by Gauri Kuppaswamy and M. Hariharan.

Bachelor of Education (B.Ed.)

Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(G)

PADAGEGY OF HOME SCIENCE

Objectives:

After completion of the course, the student teacher will be able:

- Understanding various approaches and methods for teaching-learning of home science.
- Describing concepts principles and theories of assessment of learning.
- Identifying theories, Principle and techniques of pedagogy and selecting relevant pedagogical tools for learning.
- Recognizing principals, theories and procedures of lesson plan and preparing lesson plans for the Home Science course.
- Applying the concepts of Home Science in Inter-disciplinary situation.
- Evaluating the learning assessment requirements and designing the assessment instruments for Home Science course.

Unit I

- The concept of Home Science: Meaning and Components: Place of Home Science in Secondary Education.
- Aims and objectives of teaching of Home Science at secondary and higher secondary level.
- Writing objectives in behavioral term.
- Correlation of Home Science with other school subjects.

Unit II

- Food and Nutrition and Health.
- Child care.
- Fisher and Fabric.
- Home Management-Importance of planning, principals off budget making.
- Hygiene and sanitation

Unit III

- General principals and methods of teaching Home Science- Project method, Lecture cum Discussion method, Demonstration, Laboratory method practical, Field Trip method, Assignment method, Simulation, individual work.
- Micro-Teaching skills - explanation, questioning, illustration, stimulus variation and black board writing.
- Use of ICT in teaching learning process of Home Science.
- Disaster management.

Unit IV

- Development and designing of Curriculum.
- Teaching aids- classification importance and uses.
- Concept of lesson plan, preparation of lesson plan.
- Criteria of good text book.
- Planning of space and equipment of Home Science laboratory.

Unit V

- Evaluation in Home Science - Meaning and Importance.
- Comprehensive and Continuous evaluation (CCE) in Home Science.
- Evaluation devices- Written, oral, observation, practical work, assignment.
- Preparation of achievement test.

Practicum (any one of the following):

- i) Survey of Methods of Teaching Home Science used by teachers at any level.
- ii) Review of Home Science Curriculum at Secondary and Higher Secondary Stage.
- iii) Visit to Place related to Home Science and prepare a report.
- iv) Assignment on writing objectives in behavioral terms in the content area of Home Science at secondary level.

References:

- Sharma, B.L and Saxena, B.M. Teaching of Home Science, R.L. book Depot, Meerut..
- Bansal, S., Home Science Teaching. R.Lal book depot, Meerut.
- Sherry, G.P. Grah Vigyan Shikshak, Vinod Pustak Mandir, Agra.
- Sukhi, S.P & Mehrotra, P.B. Grah Vigyan Shikshan, Haryana Sahitya Academy, Chandigarh.
- Sharma, Shakuntala, Grah Vigyan Shikshan, Apollo Prakashan, Jaipur.
- Pathak, R.P, Teaching Skills, Pearson, Delhi.
- Sharma, B.L. & Saxena, B.M., Teaching of Home Science, R. Lal Book Depot, Meerut.
- Bloom, 8.5 Taxonomy of Educational Objectives, McKay Co. New York
- Ryon, D.C., Characteristics of Teachers, Sterling Publications Co. Pvt. Ltd. Delhi.

Bachelor of Education (B.Ed.)

Second year (Third Semester) Detailed Syllabus

Optional Paper - BD 305(H)

PADAGEGY OF COMMERCE

Objectives:

After completion of the course, the student teacher will be able to:

- Develop an understanding of pedagogical processes concerning teaching of commerce.
- Help evolve an overall perspective through analysis of curricula.
- Enable the teacher-trainee for effective teaching of commerce at secondary level.
- Inculcate desirable values and attitudes among teacher-trainees.

Unit I: Conceptual Framework of Commerce

- Meaning, nature and scope of Commerce.
- Need and significance of teaching commerce at secondary /Higher secondary level.
- History of commerce education in India.
- Aims and objectives of teaching commerce at secondary level.

Unit II: Commerce Curriculum

- Need and objectives of curriculum development in commerce.
- Principles and process of curriculum development.
- Critical appraisal of existing commerce curriculum at secondary level of education.

Unit III: Approaches for Teaching of Commerce

- Maxims and strategies of teaching
- Methods of teaching commerce: Traditional and modern methods.
- Techniques of teaching commerce.

Unit IV: Teaching Learning Resources in Teaching of Commerce

- Teaching Aids: Need, types and utility of teaching aids in teaching of commerce. •
Preparation of teaching aids and their use in classroom situations.

- Various learning resources available for teachers and learners: Magazines, Journals, Newspapers, Reports, Policy documents, Internet, etc.
- Text-book: Need and importance: Criterion of selection of good text-book.

Unit V: Planning for Classroom Teaching

- Meaning, nature and significance of lesson planning.
- Different approaches of lesson planning for teaching of commerce.
- Preparation of lesson plans for different type of content of commerce: Accountancy, business studies, etc.

Practicum work: (any one of the following)

- i) Preparation of evaluative report on commerce curriculum at secondary level of any Board of education.
- ii) Preparation of one teaching aid.
- iii) Preparation of one unit plan.

References:

- Singh, R.P. & Singh, and P.: *Vanijya Shikshan*, Agra: Vinod Pustak Mandir.
- Tripathi, S.: *Teaching Methods*, New Delhi: Radha Publications.
- Chauhan, S.S.: *Innovations in Teaching Learning Process*, New Delhi: Vikas Publication House
- Siddiqui, M.H: *Excellence of Teaching*, Asia Publication House, New Delhi House.
- Rao, S.: *Teaching of Commerce*, New Delhi: Anmol Publications.
- Tyagi, G.D: *Vanijya Shikshan*, Agra, Agarwal Publications.
- Singh, Y.K: *Teaching of Commerce*, New Delhi: A.P.H. Publishing House