

B.Ed. Two Year Programme

P.2.19 : Home Science

This course is to deal with the entire range of activities associated with the teaching of Home Science at the Secondary and Senior Secondary level. The emphasis has been on the knowledge, understanding and application of various approaches/methods/strategies associated with the teaching of Home Science effectively in School. The specific course objectives and unit wise content are given as below:

Objectives:

The student teacher will be able to:

- Enumerate on the meaning, nature, scope and objectives of teaching Home Science at Secondary and Senior Secondary level.
- State the importance of teaching Home Science in Schools.
- Apply various techniques and approaches of Teaching Home Science at secondary and senior secondary level.
- Plan instructions effectively for teaching learning process of Home Science at school level.
- Plan and modify the setup of Home Science laboratory to conduct practical's according to the changing needs of the curriculum.
- Evaluate student performance with a holistic perspective.

Unit I: Nature of Home Science and its role in family and community

- The nature and scope of Home Science as a discipline in science.
- Historical perspective and major landmarks in the evolution of home science as a subject.
- The contemporary meaning of Home Science and its place in school education.
- Home Science in socio-cultural context with focus on societal issues and concerns.
- Interface between Home science and skill development.

Unit II: Curriculum and pedagogic issues in Home Science

- objectives of teaching of Home Science at elementary, secondary and senior secondary level
- unit planning
- lesson planning
 - (i) Discussion Method
 - (ii) Demonstration Method
 - (iii) Practical Method

Unit III: Methods & Approaches in teaching Home Science

(a)

- Demonstration
- Discussion
- Practical
- Project
- Problem solving
- Seminar
- Experimentation
- Field trips
- ICT
- Market Survey
- Exhibition
- Displays
- peer learning
- Role play
- Brain storming

(b) Optimal utilization of community resources

(c) Simulated teaching.

Unit IV; Audio-Visual Aids in Home Science

- Introduction
- Needs and importance
- Dale's cone of Experience
- Types of Teaching Aids
 - On the basis of sense organs involved
 - On the basis of size of learner group
 - On the basis of learners control over teaching aid
 - On the basis of experience provided by an aid
- Effective use of teaching aid

Unit V: Curriculum in Home Science

- Introduction
- Principles of curriculum construction
- Curriculum organization: critical analysis
- Correlation of Home Science with other subjects
- Role of Home Science teacher in curriculum development and transaction
- Home Science Text Book

Unit VI: Laboratory organization and experimentation in Home Science

- Report, records and registers:
 - (i) Purchase, storage and maintenance of material and equipment
- Characteristics, organization and management of Home Science laboratory
- Layout of design :
 - (i) single subject Home Science laboratory
 - (ii) multipurpose home science laboratory
- Sustainability through innovative designs
- Guidelines for teachers

Unit VII: Evaluation in Home Science

- Measurement vs Assessment vs Evaluation
- Concept and Types of Evaluation
 - (i) Diagnostic
 - (ii) Formative
 - (iii) Summative
- Evaluation as a continuous and comprehensive evaluation
- Techniques and devices of evaluation in Home Science

Practicum

- Illustrations & reflective analysis of Teaching Learning Process of different areas of Home Science (Human Development and Childhood Studies, Foods and Nutrition, Fabric and Apparel Science, Resource Management and Design Application, Development Communication and Extension)
- Enrichment of major concept in Home Science through peer learning
- Home Science Laboratory:
 - Critical evaluation of existing Home Science laboratory in the school and suggest modification for effective use.
 - Planning of ideal Home Science Laboratory for both single subject and Multipurpose use
- Prototype construction of Home Science laboratory
- Development of unit and lesson plan
- Construction of multimedia programmes in Home Science
- Development of curriculum

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