

GOVT. BILASA GIRLS' P.G. (Auto.) COLLEGE

Link Road, Bilaspur (C.G.)

Phone No. : 07752-224249, Website : www.bilasagirlscollege.ac.in



SYLLABUS

B.Sc. (Home Science)
(Plain/FQ/Fashion Designing)
Semester - III & IV



2021-22

Rules and Regulations for the Semester System at the Graduation Level

1. These subjects are compulsory for all students:-
 - (a) Environmental Studies (I Semester)
 - (b) English Language (II and III Semester)
 - (c) Hindi Language (IV and V Semester)
 - (d) Skill Based Course (VI Semester)
2. In each semester there will be only one theory paper in each elective Subject.
3. For Honours Degree Course, there will be one additional theory paper in each semester i.e. semesters, III to VI.
For Honours Degree Course, separate practical classes will be held round the year but the examinations shall be held only in even semesters i.e. semesters II, IV and VI.
4. **Marks Pattern:-**
 - (i) For non practical subjects, each theory paper will be of 100 marks i.e. 80 External + 20 Internal.
 - (ii) For practical subjects, each theory paper will be of 75 marks i.e. 60 External + 15 Internal.
 - (iii) Practical examination will be of 50 marks. Practical Classes will be held round the year but examination shall be held only in even semesters i.e. semesters II, IV and VI.
5. **Theory Examination:-**
Duration for theory examination shall be of two and half hours.
6. **Practical Examination:-**
Duration for Practical examination shall be as suggested in the syllabi.
7. **Admission Period:-**
 - (i) Admissions in the First Semester shall be completed before 15th of July every year.
 - (ii) Admissions in Semesters i.e. II, III, IV, V and VI shall be completed within 7 days after the completion of examinations on the provisional basis.
 - (iii) The provisional admission shall be regularized within 7 days from the date of declaration of result.
 - (iv) Request for permission for late admission shall not be entertained.
8. **Schedule of Classes-**
 - (i) I Semester's classes will be commenced from 16th of July every year
 - (ii) III and V Semester's classes will be commenced from 2nd July every year.
 - (iii) II, IV and VI Semester's classes will be commenced from 2nd January every year.
 - (iv) All the classes shall be continued till seven days prior to the commencement of the examination.
9. **Examination Schedule- Tentative Schedules of examinations are as under-**
 - (i) Odd semester (I, III & V) - 20th November to 20th December.
 - (ii) Even semester (II, IV & VI) - 15th April to 14th May.
10. **Examination Pattern -**
 - (a) Questions will be asked Unit wise and Section wise. Questions will be set from all Units Covering the entire syllabi.
 - (b) For non practical subjects, maximum marks will be 80 (External).
 - (c) For the practical based subjects, maximum marks will be 60 (External).
 - (d) In each theory paper there will be three sections and the marks distributed for different sections will be in the following pattern -

Theory (Non- Practical):- There will be three sections A, B and C in the question paper.
Section - A Objective Type/ In few words (30 words)

There will be 15 questions to be set, three from each unit and 10 to be attempted. Each question will carry 2 marks.

Section - B Short Answer Type (60 words)

There will be 5 questions to be set, 1 from each unit and all five questions to be attempted. Each question will carry 6 marks.

Section - C Long Answer / Eassy Type Question

There will be 5 questions to be set, 1 from each unit and 2 to be attempted. Each question will carry 15 marks.

Marks Scheme for - Non-practical subject -

Types of Questions	Question to be set from each Unit	Total No. of Questions	Questions to be solved	Marks assigned	Total Marks
Objective / In few words	03	15	10	02	20
Short Answer Type Questions	01	05	05	06	30
Long / Essay type of questions	01	05	02	15	30
					Total - 80

(i) **Theory (Practical Subject):- There will be three sections A, B and C in the question paper.**

Section - A Objective Type/ In few words (30 words)

There will be 15 questions to be set, three from each unit and 10 to be attempted. Each question will carry 2 marks.

Section - B Short Answer Type (60 words)

There will be 5 questions to be set, 1 from each unit and all five questions to be attempted. Each question will carry 4 marks.

Section - C Long Answer / Eassy Type Question

There will be 5 questions to be set, 1 from each unit and 2 to be attempted. Each question will carry 10 marks.

Marks Scheme for - Practical Subject -

Types of Questions	Question to be set from each Unit	Total No. of Questions	Questions to be solved	Marks assigned	Total Marks
Objective / In few words	03	15	10	02	20
Short Answer Type Questions	01	05	05	04	20
Long / Essay type of questions	01	05	02	10	20
					Total - 60

For question papers of compulsory papers of General group subjects i.e. Environmental Studies, English Language, Hindi Language and Skill Based Course, the pattern of question shall be applicable as suggested by the concerned Board of Studies.

(ii) **Practical**

	<i>Each Practical</i>
Laboratory Note Book / Project	10
Vive voce	10
Lab work / Field work	30
Total - 50	

- (e) In odd semester examination, a candidate shall appear in papers of odd semester(s) only. Similarly in even semester examinations, a candidate shall appear in papers of even semester(s) only. Papers of odd and even semesters shall not be confined in one examination.
- (f) Minimum passing marks for external/ semester end theory and practical shall be 34%.

- (g) There shall be provision of 3 grace marks and it would be distributed in maximum two theory Papers / Practical.

Internal Assessment

- Internal Tests are compulsory for theory papers and must be held as per following calendar:-

Odd Semesters 1st Test - August, 2nd Test - October and 01 Assignment (during semester)

Even Semesters 1st Test - February, 2nd Test - March and 01 Assignment (during semester)

- Each test & Assignment will be of 20 marks for the subjects without practical & 15 marks for the subjects having practicals. Average of the marks obtained in the best of two tests & assignment shall be incorporated as the final marks. Qualifying marks is 40%.
- If a candidate failed to attend the test on bonafide grounds, one special test may be arranged on the production of relevant documents, before submission of application forms and fees to the office.
- The Unit tests/Assignment marks to be sent to the examination cell of the college as per notification to be issued by the Principal/ Controller Examination from time to time.
- If a candidate (whose status is Regular / Ex/Supplementary) failed in First Year of the current session (2013-14) of annual system will be appeared in the first semester examination as ex-student with under the rules and regulations of Semester System. Number of Internal Test of passed year (2013-14) will not be incorporated or carried forward.

	Non Practical Subject		Practical Subject	
	External	Internal	External	Internal
MAX MARKS	80	20	60	15
MIN MARKS	28	08	21	06

Eligibility criteria for appearing in the examinations

- A candidate should have 75% of attendance both in theory and practical classes. 65% attendance may be considered only on special circumstances and on certification by the Principal of the college.
- A candidate shall have to qualify in the internal tests securing at least 40% marks.
- A candidate shall be allowed to appear in those papers only in which she has secured qualifying marks in internal test.
- If a candidate after taking admission in 1st semester could not continue the classes or could not obtain eligibility cannot appear in the 1st semester examinations. In such cases the student will not be allowed to continue in second semester and she has to continue the classes and obtain eligibility in 1st semester again in next academic year as ex-student.

11. Lecture Periods /Classes

There shall be a minimum of 50-60 hours Classes for each theory papers in respective course. Minimum of 50-60 hours shall be for each practical paper. This shall be strictly adhered to.

12. Other Guidelines

- There will be no provision for Revaluation, Supplementry or Betterment (Division Improvement).
- A candidate has to clear all the papers within 12 semesters (six years) from the year of first admission in the programme.
- A candidate will choose Honours subject just before the start of third semester from any one of the three elective subjects /group selected by her in the first semester. A candidate can change the Honours subject within 15 days from the date of admission in the third semester.
- The system of credit of ten point scale examination marks in the final mark sheet shall be introduced only after its formal approval by the competent authorities.

- (v) The system of Choice based credit system and Gradation system shall be introduced only after its formal approval by the competent authorities.

For Honours Degree Course (Total Marks: 2800).

13. Admission -

The process of admission in Honours Degree Course will be as follows -

- (i) Student shall select course (Pass Course / Honours Degree Course) at the time of first admission in the college.
- (ii) Admission shall be on merit basis after receiving the application from students.
- (iii) Number of seats for Honours Degree Course will be decided as per the Govt. Rules.

(A) Each theory Paper (Non Practical Subject)

<i>Each Theory Paper</i>		<i>Internal Assessment</i>	
Full Marks	Minimum Passing 34%	Full Marks	Minimum Marks 40%
80	28	20	08

(B) Each theory Paper (Practical Subject)

<i>Each Theory Paper</i>		<i>Internal Assessment</i>	
Full Marks	Minimum Passing 34%	Full Marks	Minimum Marks 40%
60	21	15	06

(C) Each Practical Paper

<i>Minimum Passing Percentage</i>	<i>Full Marks</i>	<i>Minimum Passing Marks</i>
34%	50	17

(D) Grace Marks

Total/Maximum 03 in two theory paper/practical.

Amendments in Promotion Rules for Semester System at the Graduation Level

- (a) A Candidate is eligible to continue the second semester classes immediately after the 1st Semester examinations and can appear in the 2nd semester examinations notwithstanding the number of arrear papers in 1st semester provided she must have appeared in the 1st semester examination.
- (b) A candidate will be promoted to 3rd semester with not more than two papers of 1st semester and she will continue to attend classes of 3rd semester provisionally. She will be allowed to get final admission in the 3rd semester with maximum of four back papers in all 1st semester and 2nd semester.
- (c) A Candidate is eligible to continue the 4th semester classes immediately after 3rd semester examination and can appear in the 4th semester examination with maximum 2 back papers in 1st semester and/or any numbers of back papers in 2nd and 3rd semester.
- (d) A candidate will be promoted in 5th semester with not more than 2 back papers in 3rd semester and not more than 4 back papers in all 3rd and 4th semester provided she has cleared 1st and 2nd semester examination.
- (e) A candidate is eligible to continue the 6th semester immediately after the 5th semester examination and can appear in 6th semester examination with maximum of 2 back papers in 3rd semester and/or any number of back papers in 4th and 5th semester examination.
- (f) If a Candidate of 6th Semester is passed in all the semesters except the 5th Semester with back in only one subject, she is allowed to appear in the back paper of the 5th Semester with the examination of 6th Semester.

- (g) The students at the UG Level can view their valued answer copies and apply for the **Challenged Valuation** within 03 days from the date of the declaration of the result
- (h) A candidate will be eligible to get Graduation and Graduation Honours degree after passing all the six semester examination. For cleaning all semester papers a candidate will be given a period 6 years (12 semesters) from the year of first admission.

सेमेस्टर स्नातक स्तर प्रमोशन नियम

प्रथम सेमेस्टर में प्रवेश की पात्रता:-

- प्रथम सेमेस्टर में छात्राओं का प्रवेश छ.ग. शासन के प्रवेश नियम के आधार पर किया जावेगा।

द्वितीय सेमेस्टर में प्रवेश की पात्रता:-

- विद्यार्थी को प्रथम सेमेस्टर की परीक्षा के तत्काल बाद कितने भी विषयों में बैक के साथ द्वितीय सेमेस्टर में अध्ययन की पात्रता होगी, बशर्ते वह प्रथम सेमेस्टर की परीक्षा में शामिल हुआ हो।

तृतीय सेमेस्टर में प्रवेश की पात्रता:-

- प्रथम सेमेस्टर में 02 से अधिक विषयों में बैक नहीं होना चाहिए।
- प्रथम एवं द्वितीय सेमेस्टर में सम्मिलित रूप से 04 विषयों से अधिक में बैक न हो।

चतुर्थ सेमेस्टर में प्रवेश की पात्रता:-

- प्रथम सेमेस्टर में 02 से अधिक विषयों में बैक नहीं होना चाहिए।
- द्वितीय एवं तृतीय सेमेस्टर में कितने भी विषयों में बैक हो।

पंचम सेमेस्टर में प्रवेश की पात्रता:-

- प्रथम सेमेस्टर उत्तीर्ण होना चाहिए।
- द्वितीय सेमेस्टर उत्तीर्ण होना चाहिए।
- तृतीय सेमेस्टर में 02 से अधिक विषयों में बैक न हो।
- तृतीय एवं चतुर्थ सेमेस्टर में सम्मिलित रूप से 04 विषयों से अधिक में बैक न हो।

षष्ठम सेमेस्टर में प्रवेश की पात्रता:-

- प्रथम सेमेस्टर उत्तीर्ण होना चाहिए।
- द्वितीय सेमेस्टर उत्तीर्ण होना चाहिए।
- तृतीय सेमेस्टर में 02 से अधिक विषयों में बैक न हो।
- चतुर्थ एवं पंचम सेमेस्टर में कितने भी विषयों में बैक हो।
- यदि कोई छात्रा सभी सेमेस्टर में उत्तीर्ण है एवं केवल पंचम सेमेस्टर में 01 (एक) विषय में बैक है, ऐसी छात्रा को षष्ठम सेमेस्टर की परीक्षा के साथ परीक्षा देने का अवसर दिया जावेगा।
- विशेष -
 - ✓ मूल्यांकित उत्तर-पुस्तिकाओं के अवलोकन व Challenged Valuation की प्रक्रिया इस स्नातक स्तर सेमेस्टर परीक्षा अप्रैल-मई से लागू है। छात्राएं परीक्षा परिणाम घोषित होने की तिथि से 3 दिन के भीतर इस हेतु आवेदन प्राचार्य को दे सकती हैं।
 - ✓ विद्यार्थी को स्नातक एवं स्नातक आर्नस की उपाधि तभी प्राप्त होगी जबकि उसने सभी 06 सेमेस्टर की परीक्षाएँ उत्तीर्ण कर ली हों एवं 06 सेमेस्टर की परीक्षाएँ उत्तीर्ण करने हेतु उसे प्रथम प्रवेश की तिथि से लेकर 06 वर्षों की अवधि प्राप्त होगी।
 - ✓ छात्रा जिस सत्र बैक की परीक्षा में सम्मिलित होगी उसी सत्र का पाठ्यक्रम एवं परीक्षा संबंधी नियम लागू होगा।

BSc (HOME SCIENCE) Second Semester
PAPER - III

TEXTILE & LAUNDRY SCIENCE

M.M.60

UNIT-I Introduction,

Classification and Introduction to Laundry process

(i) Wet Clening

(ii) Dry cleaning

Materials and equipment in laundry

Water - Hard & Soft water

Temporary and permanent hardness. Problems caused by hard water Methods of softening water.

Soaps and Detergents - Definition, Chemical nature, manufacture, properties and their cleaning action.

UNIT-II Bleach-Classification commercial Products, application of bleaches to various fibre fabrics.

Additives used in laundry

Optical brightness bluing agent vs. fluorescent whiteness

Starches, Stiffening's and Softeners.

Various types and their characteristics, method of application.

Additional laundry Agent

Acidic, alkaline and others,

Principles of Laundering- Equipment

Laundering of different cloths.

UNIT-III Dry Cleaning

Technology - agents - classification

Stain Removal

Classification of stains, Principles of removal. Types of stain removals.

Techniques of removal,

Preservation and storage

Apparel & household linen.

Disinfection of cloths

UNIT-IV A brief study of different types of dyes and their applicability to different fibres.

Difference between dyeing and printing, methods of dyeing.

Factors affecting dyeing. Style of dyeing - Direct, resist and discharge styles involving varying dyed effects Fiber, yarn and fabric dyeing.

UNIT-V Principles of design, element of design for garment.

Principles of colour schemes in garment.

Selection of cloths for the different uses in home.

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SECOND SEMESTER

PRACTICAL- III (ANY EIGHT)

PRACTICALS

1. Identification of Textile Fibers
Visual, Microscopic, burning and chemical
2. Identification of Yarn types
3. Identification of weaves and their variations
4. Sample collection for weaves and finishes and Identification
5. Simple dyeing of different fabric.
6. Tie and Dye techniques
7. Batik
8. Printing - Block, screen, tie & die, stencil printing.
9. Stain Removal
10. Garment Construction. Drafting, cutting and stitching of simple garments, such as vest a bib. A-Line Dress and knickers.

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BSc(HSc) 2nd Semester Fashion Designing

Session-2020-21

FASHION ILLUSTRATION

60 marks

Unit-1

Introduction-(1) Importance of cloths.

(2)Introduction and classification of fabric.

(3) Selection of fabric for dresses according to climate, age, occupation and personality occasion, figure types and fashion etc. wardrobe planning.

(4) Elements of designing, principles of designing.

Unit -2

(1)Sketching lines, shapes and forms.

(2)Enlargement.

(3) Different types of textures.

(4) Sketching gathers, pleats, folds ,frills.

Unit-3

(1)Sewing machine-Introduction, types, parts, function and operation of each part, machine maintenance, time saving devices.

(2) Principles of tailoring- Measurement, drafting, pattern making, layout, methods of cutting, stitching and finishing.

Unit- 4

(1)Technical terms (Fashion words)-Measuring, marking, cutting and sewing tools, finishing tools.

(2) Darts, tucks, ppleats, gathers,frills, piping, placket, Fasteners.

Unit – 5

(1)Basic design-Geometrical shapes, composition of geometrical shapes.

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(2) Colour, colour wheel, tints-shades, hue-natural, cool and warm colours, various colour schemes, psychological aspects of colour.

(3) Different types of textures.

(4) Enlargement of prints.

PRACTICALS

(1) Preparation of fabric for dyeing and printing.

(2) Dyeing of yarns and fabric with different classes of dyes, in fibre and fibre blends.

(3) Enlargement of motifs.

(4) Different types of textures.

(5) Sketching and preparing

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**BSc (Home Science)
SEMESTER III**

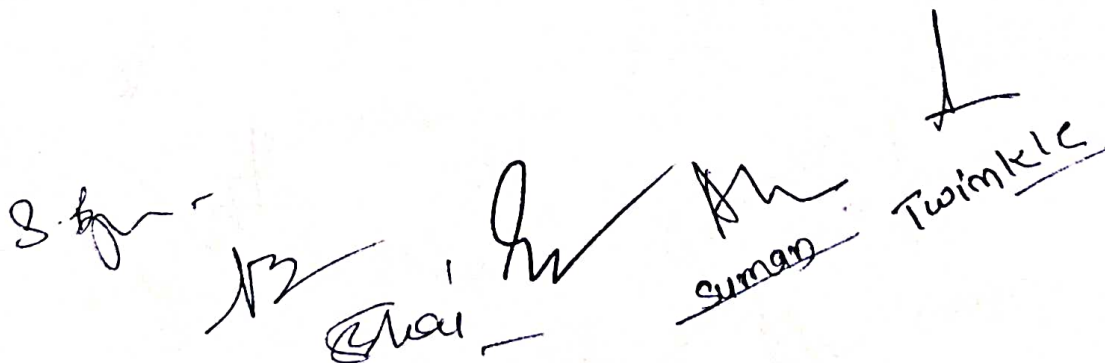
MARKING SCHEME


Sr No	Name of the Paper	Theory	Internal Assessment	Total
1	English Language	60	15	75
2	Food Preservation	60	15	75
3	Family Resource Management	60	15	75
4	Community Development Perspectives & Approaches -socio economic analysis of Communities/FQ/FD	60	15	75


Practical-

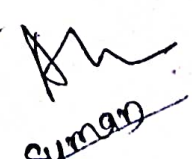
Sr No	Name of Practical	Marks
1	Food Preservation	50
2	Family Resource Management	50
3	Community Development Perspectives & Approaches -socio economic analysis of Communities	50


TOTAL MARKS= 450



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Type(s), average size (Micro/Macro), marriage, distinct social roles and nature of relationships' between members of the family; internal distinction in authority based on age and sex roles, gender differences with reference to activities and access to resources. Emerging patterns of familial organization influenced by broader economics and political forces - female headed households.

Analysis of Social Relations of Groups Social Stratification- Caste System (Micro/Macro)- Deferential ranking of groups as superior and inferior caste groups changes that have taken place/expected abolition of untouchability, intercaste colobration, fusion of sub caste , impact of reservation .Social inequalities, extent of acceptance or opposition

UNIT-IV POVERTY ANALYSIS (MICRO/MACRO)

The number and proportion of poor (in general and with reference to gender in particular) prevalence of hunger and malnutrition, availability and accessibility to drinking water and sanitation facilities, health facilities, clothing and housing facilities, education facilities. Unemployment pattern and indebtedness; causes of poverty and inequalities; programs for poverty alleviation. Poverty line.

Social Relations in Religion and Culture (Micro/Macro)

- a. Religions represented - the role of religion in the lives of people.
- b. Popular expression of beliefs and attitudes that promote fatalism or confidence in themselves.
- c. Religious and cultural customs and organizational patterns that oppose the values of social justice, equality, liberty and solidarity.

UNIT-V Analysis of Social Relation to Environment (Micro/Macro).

- a. Customs mores, rules, regulations that are eco-friendly and that are not eco-friendly.
- b. Changing patterns of production and consumption-organic farming, soil and water conservation measures, recycling of wastes, use of bio-degradable articles etc., impact of these in the communities.

Gender Analysis -

- a. The concept of Gender as distinct from sex.
- b. The division of labour.
- c. Access and control of resource.
- d. Changes in the means of gaining access to resources.

Approaches and Methods of Socio-Economic Analysis-

- a. Rapid Rural Appraisal
- b. Participatory Rural Appraisal
- c. Surveys, case studies, observation
- d. Participant observations

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**BSc (Home Science)
SEMESTER IV
MARKING SCHEME**

Sr No	Name of the Paper	Theory	Internal Assessment	Total
1	Hindi Language	60	15	75
2	Extension Education/FQ/ FD	60	15	75
3	Foundation of Art & Design	60	15	75
4	Personal Empowerment & Computer Basics	60	15	75

Practical

Sr No	Name of Practical	Marks
1	Extension Education	50
2	Foundation of Art & Design	50
3	Personal Empowerment & Computer Basics	50

Total Marks =450

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**BSc - HOME SCIENCE
SEMESTER-IV**

PAPER-I

EXTENSION EDUCATION

M.M. 60

UNIT - I

1. Concept of Education
 - (a) Meaning of Extension
 - (b) Origin of Extension
2. Extension Education Process
 - (a) Environment for learning
 - (b) Role of educator
 - (c) Role of the people participants.
3. Communication Process

UNIT-II

4. Concept of adult / non formal education
 - (a) Meaning
 - (b) Purpose
5. Five Year Plans
 - (a) History of planning in India.
 - (b) Five year plans and their focus.
6. Planning at different levels - National to Grass roots.

UNIT-III

7. Programmes to enhance food production
 - (a) national food production programmes.
8. Poverty alleviation efforts
 - (a) Programmes for poverty alleviation for rural and urban arenas.
 - (b) Current programmes for rural and urban poor.

UNIT-IV

9. Programmes for women and children
Women as target groups - specific measures for women and children such as DW CRA, ICDS, IMY. Current programmes for women as initiated and implemented by the different ministries and Departments.
10. Role of NGOs Need for participation of Non-Governmental organizations in developmental efforts. Encouragement given NGO's - Role of CAPART.

UNIT-V

Advertising Media

11. Different media for advertising - print media, Newspapers and periodicals,
12. Broadcast media - Television - Films.
13. Non- media advertising
14. Outdoor advertisement— Hoardings, Posters, Billboards, Bulletin Boards, Electronic signs, Letter bins, Aerial methods.
15. Transportation media {Mobile Vehicles}
16. Exhibition and Trade fair.

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BSc - HOME SCIENCE

SEMESTER-IV

PAPER - II

FOUNDATION OF ART AND DESIGN

M.M. 60

UNIT-I

Introduction to foundation of art

- 1. Design, Definition and types : Structural and Decorative
- 2. Elements of design:-
 - 1. Line 2. Size 3. Form 4. Structure 5. Space
 - 6. Pattern 7. Shape 8. Light - Characteristics and Classification
 - 9. Study of Colour - classification, dimensions, colour schemes and effect.
- 3. Principles of design - definition and their characteristics and types :-
 - 1. Balance 2. Harmony 3. Scale 4. Proportion
 - 5. Rhythm 6. Emphasis

UNIT-II

1. Indian, regional, traditional and contemporary arts and their use in :-

- 1. Floor decoration 2. Home decoration
- 3. Accessories 2. Appreciation of art
 - 1. In terms of principles of art and design
 - 2. In terms of composition and aesthetic appeal.

UNIT-III

1. Family's Housing Needs

- 1. Protective, economic, affection, social, standard of living, housing goals, style, function occupation.
- 2. Factors influencing selection and purchase of site for house building
 - 1. Legal aspects, location, physical feature, soil conditions, cost, services.
 - 3. House planning -
 - 1. Reading house plans.
 - 2. Grouping of rooms, orientation, circulation, flexibility, Privacy spaciousness, services, aesthetics, economy, light and ventilation.
 - 3. Planning different rooms : living room, dining room, bedrooms, kitchen, store room, toilet, passage, staircase.
 - 4. Landscape planning - Principles and application.

UNIT-IV

Financial Considerations :

- 1. Availability of funds for housing
- 2. Housing Development finance corporation
- 3. Cooperative Housing Society
- 4. Life Insurance corporation
- 5. Cooperative Banks
- 6. Loan from provident fund
- 7. Finance corporation of India
- 8. Disability of owning versus renting

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2. State and central Housing scheme
1. Housing problems, causes and remedial measures.

UNIT-V

1. Furniture :-
 1. Styles of furniture - traditional contemporary and modern.
 2. Selection of furniture for comfort, rest and relaxation for work, for storage
 3. Arrangement of furniture. for living. Sleeping, dining and multipurpose rooms.
 4. Upholstered furniture materials, techniques and designs.
2. Furnishing fabrics
 1. Types of curtains, draperies, floor coverings rugs and carpets, cushion covers.
 2. Selection and use
 1. Accessories and their role in interiors

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BSc - HOME SCIENCE

SEMESTER-IV

PAPER-III

PERSONAL EMPOWERMENT & C COMPUTER BASICS.

UNIT-I Personal Growth and Personality Development (through exercises, role play, discussions)

- The challenge : understanding and managing oneself : being aware of one's strengths and weaknesses.
- Personality Development : Factors and influences : emotional and motivational aspects; assertion Vs. aggression.
- Peer pressures : Issues and management; group conformity and individualism as co-existing aspects.
- Conflicts and stresses, simple coping strategies.
- Adjustment and readjustment to changing needs and conditions of contemporary society (technological changes, social changes, changes in values).

UNIT-II Empowerment of Women

- Women and Development : The personal, familial, societal and national perspectives.
- Capacity building for women : Education, decision-making abilities and opportunities, awareness and information on legal and political issues.
- Women's organizations and collective strength : Women's action groups women's participation in development initiatives.

Note : Students must be sensitized and made aware through assignments to identify and study the contributions of women in their own regional areas as also in the context on national perspectives. Cases of individual and collective/organized women's strengths must be discussed with examples from local/regional levels. Each student may prepare profiles of one individual and one collective group.

UNIT-III Home Science Education as Empowerment

- The interdisciplinary of Home Science Education.
- the role of Home Science Education for personal growth and professional development.
- Home Science as holistic education with integration of goals for persons enhancement and community development.

UNIT-IV Some Significant Contemporary Issues of Concern.

- Gender issues : Inequities and discriminations, bases and stereotypes; myths and facts.
- Substance abuse : Why and how to say no.
- Healthy Habits : In relation to physique. to studies to heterosexual interests.
- AIDS : Awareness and education.

Note: Teachers/facilitators must be knowledgeable and equip themselves sufficiently, orientations/training sessions for facilitator....

UNIT-V Computer Fundamentals:

- Overview about computers
- Components of a computer
- Input/output devices
- Secondary storage devices

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- e. Number Systems : Decimal, Binary, Octal, Hexadecimal
- f. Representation of information : BCD, EBCDIC, ASCII
- g. Representation of Data : Files, Records, Files
- h. File organization and access

d. Study and discussion of life histories, case studies of illustrious Indian women from different walks of life (eg. Indira Gandhi, Jhansi ki Rani, Medha Patkar, Kiran Bedi, Vijayalaxmi Pandit, Sudha Chandran, Anutai Wagh, Ila Bhai Bhanvari Devi).

Brief sketches/ profiles of women's organization and collective and activis efforts to improve the quality of the or tackle issues of concern (e.g. SEWA Women's co-operatives, WIT).

- i. Security and safety of data
- j. Introduction to Operating Systems

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SEMESTER-IV

PRACTICAL- I

BASIC NUTRITION AND EXTENSION EDUCATION

MARKS-50

SECTION A

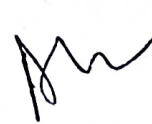
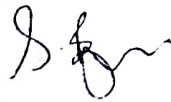
PRACTICALS : (Any Six)

1. Preparation of Jam, Jellies marmalades.
2. Preparation of Pickles & chutneys. •
3. Dehydration of Vegetables & Fruits.
4. Preparation of synthetic syrups & squashes.
5. Preparation of Sauces.
6. Preparation of Papad. Badi. Chips.
7. Survey of market products.
8. Packaging.

SECTION B

PRACTICALS:

1. Visits to Raido / T.V. stations.
2. Script writing for Radio.
3. Visit to Extension Education Unit.
4. Write slogan about Adult Education.
5. Designing an Advertisement for any product with relevant slogan at least Two.



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SEMESTER-IV

PRACTICAL -II

Marks-50

FOUNDATION OF ART & DESIGN

PRACTICALS : (Any Ten)

1. Freehand drawing : Memory drawing and sketching.
2. Scale drawing, solid geometry, orthographic.
3. Preparation of colour wheel and colour schemes.
4. Elements of design laws of field size, proportion, types of shadows.
5. Residential space planning - scale, lines, abbreviations, metric projections, defining space by shades, shadows
6. Lettering.
7. Use of colour for wall/floor decoration and making accessories.
8. Application of design principles in flower arrangement, styles of flower arrangement, innovation of new styles.
9. Gift wrapping and preparing decorative articles of fiber, fabric, coir, bamboo, clay, metal etc.
10. Drawing house plans with standard specification.
11. Furniture layout of living, dining, Kitchen and bedroom designs presentation with furniture layout, sectional elevation, views.
12. Development of designs and construction of any five of the under mentioned items -cushions, curtains, carpets, doormats, rugs, table mates.
13. Wall paintings, picture frame design.
14. Graphic designs

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**BSc (Home Science)
SEMESTER III**

MARKING SCHEME

Sr No	Name of the Paper	Theory	Internal Assessment	Total
1	English Language	60	15	75
2	Food Preservation	60	15	75
3	Family Resource Management	60	15	75
4	Community Development Perspectives & Approaches -socio economic analysis of Communities	60	15	75

Practical-

Sr No	Name of Practical	Marks
1	Food Preservation	50
2	Family Resource Management	50
3	Community Development Perspectives & Approaches -socio economic analysis of Communities	50

TOTAL MARKS= 450

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BSc - HOME SCIENCE
SEMESTER-III
Paper-I

FOOD PRESERVATION

Marks-60

UNIT-I

Food and its preservation. Home and community level including commercial operations. Principles of food Preservation Causes of spoilage of food.

UNIT-II

Fresh Food Storage. Principles - Plant product.. Storage. animal product, Storage, Effect of Storage . Condition on quality. Canning - Principles and methodology influence of canning on food quality. Storage Of canned foods.

UNIT-III

Pasteurization

Effect on food quality. Storage of pasteurized food.

Drying & Dehydration

Methods used and effect on food quality. Types of driers. Storage and deterioration of dehydrated food products.

UNIT - IV

Use of low temperature

Refrigeration and freezing methods, principles and applications. Preparation of foods for freezing , influence on food components and structure. Self life of frozen foods,

Pickling and Fermentation

Pickles. chutneys, ketchups sauces. Fermentation - Types, products and method use \ Establishment of a small scale industry / cottage industry.

UNIT-V

Chemical Preservatives

Preparation of Fruit, Juices, Squashes, Fruit Syrups, Cordials, Jam Jelly. High Acid & High Sugar Products - common defects, Preservation of crystallized and glazed fruits. Nutritional implications of food processing Causes for loss of vitamins and minerals. Enrichment, Restoration and Fortification.

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SEMESTER-IIIPaper-IIFAMILY RESOURCE MANAGEMENT

Marks -60

UNIT-I Introduction to Management

Basic concepts of Management

Purpose of Management

Achievement of Goals

Obstacles to the Improvement of Management

- a. Life style
- b. Type of family
- c. Family size. stage of family life cycle.

UNIT-II Factors Motivating Management

- a. Goals, definition, types and utility
- b. Values - Importance, sources of values, classification, characteristics, changing values.
- c. Standards - Definition, classification-quantitative, qualitative, conventional and non-conventional.
- d. Decision - Role of decision making in management, resource availability.

UNIT-III Management Process

- a. Meaning and elements of process - planning, controlling the plan and evaluating decision making.
- b. Planning Importance, techniques, types of plan.
 - i) Controlling the plan in action
 - ii) Phases energizing checking
 - Factors in success of the control step
 - Suitability
 - Promptness
 - New decisions
 - Flexibility
 - iii) Supervisions of delegated plan
 - Types of supervision - direction and guidance Analysis of supervision.
 - Analysis of supervision.
 - iv) Evaluation - Importance, relationship to goals
 - Types - Informal and formal, overall and detailed.
 - Techniques of self-evaluation
 - Evaluation of the whole process of management.

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Resources in the Family

- a. Types of resources
- b. Factors affecting the use of resources

UNIT-IV Introduction to Elements of design

- Design - Definition and types- structural and decorative
- Elements of design- Line, Size, Form, structure, space, pattern, shape, light -characteristics and classification, colours- classification, dimensions, colour scheme and effect.
- Principles of design- balance, harmony, scale, proportion, rhythm, and emphasis
- Furniture
- Flower arrangement- Principles, Types and uses

UNIT-V Family resources-

- Meaning , Classification and characteristics
- Time Management- Process and means
- Energy Management- Process and energy values of different house hold works
- Work Simplification- Meaning, methods and techniques of habit improvements , Pathway chart, Process chart .

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SEMESTER-III
PAPER - III

COMMUNITY DEVELOPMENT PERSPECTIVE AND APPROACHES SOCIO
ECONOMIC ANALYSIS OF COMMUNITIES

Marks : 60

UNIT-I DEVELOPMENT :

- Definitions, types - large scale and centrally planned and small scale and locally planned.
- Goals, the purpose of development - processes of development - the input process and social action process.

Historical Perspective of Development Approaches:

- The Capitalistic approach.
- The welfare approach
- The Gandhian approach
- The modernization approach
- The institutional and social justice approach

Critical Development Issues :

- Massive poverty
- Food security

Community Development in India:

- Evolution of community development programme in India since Independence.

UNIT-II SUPPORT STRUCTURES AND THEIR FUNCTIONS :

- Central Social Welfare Board
- State Social Welfare Board
- National Level Voluntary Agencies such as CAPART, KVIC.
- Elected Panchayats.

Community Development Programme Approaches :

- Multi-purpose
- Target group
- Growth centered
- Area
- Minimum needs
- Antyodaya
- Integrated

Home Science and Community Development :

Scope of Home Science Extension for meaningful participation in community development in India.

**UNIT-III INTRODUCTION TO SOCIAL STRUCTURES AND SYSTEMS-
FRAMEWORK FOR ANALYSIS-**

- Meaning and Systems of Organization
 - Relationship between Social Systems
 - Types of Society - Harmonic - Disharmonic
- Analysis of Family as a Social Unit -**

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- g. Generating graphs
- h. Integrating Worksheet data and charts with WORD
- i. Creating Hyperlink to a WORD document
- j. Page set-up, Print Preview, Printing Worksheet.

4. **Internet**

- a. Genesis and use of Internet
- b. Software and hardware requirements for Internet
- c. Accessing the Internet, Web Page, Using a Search Engine, Accessing the Internet from MS-Office applications

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BSc - HOME SCIENCE

SEMESTER IV

PRACTICAL III

COMMUNITY DEVELOPMENT & COMPUTER BASICS

MARKS -50

PART A

Field Experience in Village(s) / Urban Slums

- a. Practical use of RRA/PRA Methods.
- b. Reporting on Socio-economic analysis of the rural/urban community.
- c. To select. Plan. preparation & use of different-audio visual aids., aids, i.e.
Chart - Educational. Tree Chart, Flow.
Chart.- Suspense Chart.
Posters- Cartoons Pamphlets Puppets.
- d. Conduct of survey based on Unit IV & V of Theory Papers. (any two)
- e. Organizing group demonstration.

SECTION B

SECTION B

1.
 - a. Introduction
 - b. Exploring the Desktop
 - c. running multiple programmes
 - d. Accessories
 - e. Control Panel
 - f. Managing Documents and Folders
2. **MS Word**
 - a. Starting MS-WORD
 - b. Creating and Formatting a document
 - c. Changing Fonts and font Size
 - d. Table Creation and operations
 - e. Autocorrect, Auto Text, Spell Check, Thesaurus
 - f. Word Art. Inserting objects
 - g. mail merge, letter, label, envelope
 - h. Page set-up. Page preview
 - i. Printing a document.
3. **MS-Excel**
 - a. Starting Excel
 - b. Work Sheet. Cell, Inserting Data into Rows/Columns
 - c. Alignment, Text-wrapping
 - d. Sorting data, Auto sum
 - e. Use of functions, referencing formula cells in other formulae
 - f. Naming cells and ranges. Goal seek

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FASHION DESIGNING

Semester-III

Pattern Making

Unit-I

1. Introduction to flat pattern making
2. Taking Body Measurements
3. Important of Drafting & Pattern Making
4. Study of Human Figure & Figure Problems
5. Basic bodice block for children
6. Basic sleeve block for children

Unit-II

Sleeve- Introduction :-Types of sleeve –

1. Set in Sleeve or cape line sleeve
 - Drafting cap sleeve
 - Puff on top
 - Puff on Bottom
 - Puff on top & bottom (slash & spread method)
2. Without cap line sleeves
 - Kimono
 - Dollman
 - Megya-sleeve
3. Collor- Introduction and types of color
 - Flat Collor
 - One piece Peter pen color
 - Two piece Peter Pan Collopr
 - Raised Peter Pan color
 - Cap Collor, Sailor Collor
 - Ruffle Collor
 - Roll Collor
 - Stand Collor
 - Chinese Collor
 - Nehru Collor

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Unit-III

Frock –

Paper Cutting

Gathered Frock

(Body, Gher, Sleeve , Collor)

A Line Book- Body, Collor, Sleeve

High, Waist Frock - Body, Collor, Sleeve

Low Waist Frock- Body, Collor, Sleeve

Yoked Frock- Yoke, Gher, Sleeve.Collor

Shirts-

Gathered, Slide, Pleated, Box Pleated, Half Pleated, Full Pleated ,
Pleated Skirt**Unit-IV**

Top- Fitted, Tucked Top

Night Wear-For girls .

Unit V

Combination Suits –

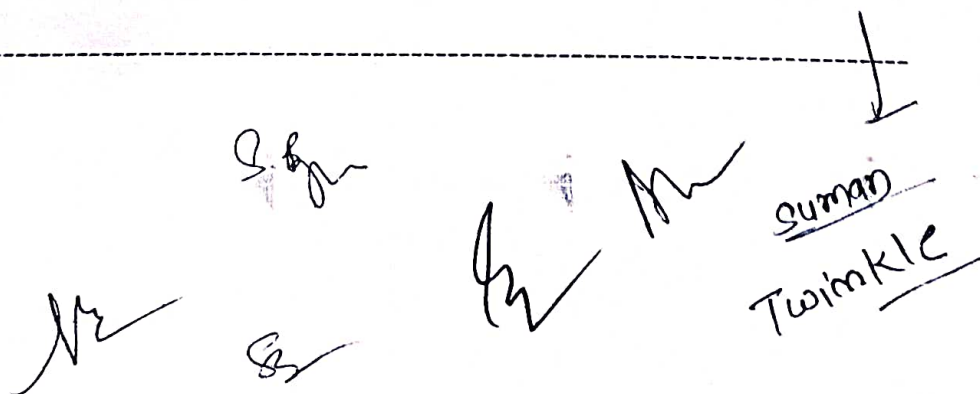
Coats,

Sawar,

Chuddar

Ladies' Kurta

Men's Kurta Paijama


 A collection of handwritten signatures and names. On the right side, there is a signature that looks like 'Suman' with an arrow pointing down to the name 'suman' written below it. Below 'suman' is the name 'Twinkle' written in a stylized font. To the left of these are several other illegible handwritten signatures.

FASHION DESIGNING
Semester-IV
Garment Construction

Unit-I

Swing Machine- Introduction, Types, Parts, Function & Operation of each part. Machine Maintenance. Time saving Devices.

Unit-II

Principals of Tailoring- Measurements, Drafting, Pattern making, Layout. Fundamental methods of cutting, Sticking and Finishing

Unit-III

Technical Terms- Measuring, Marking, Cutting and Swing Tools, Finishing Tools.

Unit-IV

Basic Seam Technique- Hand Stitches, Seams Finishing.

Unit-V

Dart, Tucks, Pleats. Gathers, Frill. Piping, Plackets, Fasteners

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BSc (Home Science) IV Semester
Practical
Fashion Designing

50 marks

- Patterns Making.
- Cutting & Stitching Garments Listed under Theory Paper.
- Making Samples of Darts, Tucks and Seams.

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