



**KARNATAK UNIVERSITY, DHARWAD
ACADEMIC (S&T) SECTION**

**ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ
ವಿದ್ಯಾಪುಂಡಳ (ಎಸ್&ಟಿ) ವಿಭಾಗ**



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NAAC Accredited
'A' Grade 2014

website: kud.ac.in

No. KU/Aca(S&T)/JS/MGJ(Gen)/2024-25/612
ಅಧಿಸೂಚನೆ

Date:
27 JUL 2024

ವಿಷಯ: ಸರ್ಕಾರದ ಆದೇಶ ದಿನಾಂಕ: 08.05.2024 ಅನುಸಾರ 2024-25ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಎಲ್ಲ ಸ್ನಾತಕ ಪದವಿಗಳಿಗೆ NEP ಅಡಿಯಲ್ಲಿ ಪ್ರೋಗ್ರಾಂ ವಿನ್ಯಾಸ (Curriculum Structure)ದಂತೆ ಪರಿಷ್ಕೃತ ಪಠ್ಯಕ್ರಮದ ಅನುಷ್ಠಾನ ಕುರಿತು.

ಉಲ್ಲೇಖ: 1. ಸರ್ಕಾರದ ಪ್ರಧಾನ ಕಾರ್ಯದರ್ಶಿಗಳು, ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ ಇವರ ಆದೇಶ ಸಂಖ್ಯೆ: ಇಡಿ 166 ಯುಎನ್‌ಇ 2023, ದಿ: 08.05.2024.

2. ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸಭೆಯ ನಿರ್ಣಯಗಳ ಸಂ:2, 3, 4, 5, 6, 7, 8 & 9, ದಿ:16.07.2024.

3. ಮಾನ್ಯ ಕುಲಪತಿಗಳ ಅನುಮೋದನೆ ದಿನಾಂಕ: 27/07/2024

ಮೇಲ್ಕಾಣಿಸಿದ ವಿಷಯ ಹಾಗೂ ಉಲ್ಲೇಖಗಳನ್ವಯ, ಉಲ್ಲೇಖ-01ರ ಸರ್ಕಾರ ಆದೇಶಾನುಸಾರ 2024-25ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಅನ್ವಯವಾಗುವಂತೆ, ಈ ಕೆಳಗಿನ ಎಲ್ಲ ಸ್ನಾತಕ ಪದವಿಗಳ NEP ಅಡಿಯ ಪ್ರೋಗ್ರಾಂ ವಿನ್ಯಾಸ (Curriculum Structure)ದಂತೆ ಪರಿಷ್ಕೃತ ಪಠ್ಯಕ್ರಮ ರಚನೆ ಕುರಿತಾಗಿ ಸಂಬಂಧಿಸಿದ ಅಭ್ಯಾಸಸೂಚಿ ಮಂಡಳಿ ಹಾಗೂ ನಿಖಾಯಗಳ ಶಿಫಾರಸ್ಸಿನಂತೆ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸಭೆಯ ಅನುಮೋದಿತ ಪದವಿಗಳ ಪಠ್ಯಕ್ರಮಗಳನ್ನು ಕೆ.ವಿ.ವಿ. ಅಂತರ್ಜಾಲ www.kud.ac.in ದಲ್ಲಿ ಭಿತ್ತರಿಸಲಾಗಿದೆ. ಸದರ ಪಠ್ಯಕ್ರಮಗಳನ್ನು ಕೆ.ವಿ.ವಿ. ಅಂತರ್ಜಾಲದಿಂದ ಡೌನ್‌ಲೋಡ್ ಮಾಡಿಕೊಳ್ಳಲು ಸೂಚಿಸುತ್ತ ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಎಲ್ಲ ಬೋಧಕರ ಗಮನಕ್ಕೆ ತಂದು ಅದರಂತೆ ಕಾರ್ಯಪ್ರವೃತ್ತರಾಗಲು ಕೆ.ವಿ.ವಿ.ಯ ಎಲ್ಲ ಅಧೀನ ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಮಹಾವಿದ್ಯಾಲಯಗಳ ಪ್ರಾಚಾರ್ಯರುಗಳಿಗೆ ಸೂಚಿಸಲಾಗಿದೆ.

ಅ.ನಂ.	ಪದವಿ	ಸೆಮಿಸ್ಟರ್
1	1 B.A	8 BTM
	2 BSW	9 B.Sc
	3 B.Sc. (H.M)	10 BCA
	4 B.Com	11 B.Com (CS)
	5 B.Com (E-Commerce Operation)	12 B.Com (Retail Operations)
	6 B.Com (Banking Financial Services & Insurance)	13 B.Com (Logistics)
	7 BBA	14 BBA (Logistics Management)
2	1 B.Sc (Data Science)	2 B.Sc (Artificial Intelligence & Machinery Learning)
3	1 BASLP	3 BPA
	2 BVA	4 B.Sc. Pulp & Paper

ಅಡಕ: ಮೇಲಿನಂತೆ

ಗೆ,

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ಎಲ್ಲ ಅಧೀನ ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಮಹಾವಿದ್ಯಾಲಯಗಳ ಪ್ರಾಚಾರ್ಯರುಗಳಿಗೆ. (ಕೆ.ವಿ.ವಿ. ಅಂತರ್ಜಾಲ ಹಾಗೂ ಮಿಂಚಂಚಿ ಮೂಲಕ ಬಿತ್ತರಿಸಲಾಗುವುದು)

ಪ್ರತಿ:

1. ಕುಲಪತಿಗಳ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು / ಕುಲಸಚಿವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು / ಕುಲಸಚಿವರು (ಮೌಲ್ಯಮಾಪನ) ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕೆ.ವಿ.ವಿ. ಧಾರವಾಡ.
2. ಅಧೀಕ್ಷಕರು, ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ / ಗೌಪ್ಯ / ಜಿ.ಎ.ಡಿ. / ವಿದ್ಯಾಪುಂಡಳ (ಪಿ.ಜಿ.ಪಿ.ಎಚ್.ಡಿ) ವಿಭಾಗ, ಸಂಬಂಧಿಸಿದ ಕೋರ್ಸುಗಳ ವಿಭಾಗಗಳು ಪರೀಕ್ಷಾ ವಿಭಾಗ, ಕೆ.ವಿ.ವಿ. ಧಾರವಾಡ.
3. ನಿರ್ದೇಶಕರು, ಕಾಲೇಜು ಅಭಿವೃದ್ಧಿ / ವಿದ್ಯಾರ್ಥಿ ಕಲ್ಯಾಣ ವಿಭಾಗ / , ಕೆ.ವಿ.ವಿ. ಧಾರವಾಡ.
4. ನೋಡಲ್ ಅಧಿಕಾರಿಗಳು, ಯು.ಯು.ಸಿ.ಎಂ.ಎಸ್. ಘಟಕ, ಕೆ.ವಿ.ವಿ. ಧಾರವಾಡ.
5. ಎನ್.ಇ.ಪಿ. ನೋಡಲ್ ಅಧಿಕಾರಿಗಳು, ಸಿ.ಡಿ.ಸಿ. ವಿಭಾಗ, ಕೆ.ವಿ.ವಿ. ಧಾರವಾಡ.

A. Channappa
ಕುಲಸಚಿವರು.



KARNATAK UNIVERSITY, DHARWAD

**B.Sc.
(Home Science as one of the optional)**

SYLLABUS

With Effect from 2024-25

**DISCIPLINE SPECIFIC CORE COURSE (DSC) FOR SEM I -VI,
SKILL ENHANCEMENT COURSE (SEC) FOR SEM IV/V/VI and
ELECTIVE COURSES FOR SEM V AND VI**

AS PER NE P (Revised): 2024

Karnatak University, Dharwad
B.Sc. Home Science as one of the optional
Effective from 2024-25

Sem.	Type of Course	Theory/ Practical	Course Code	Course Title	Instruction hour/ week	Total hours / sem	Duration of Exam	Marks			Credits
								Formative	Summative	Total	
I	DSC-1	Theory	C 1 HSC 1 T 1	Fundamentals of Food and Nutrition	04hrs	60	03hrs	20	80	100	04
	DSC-2	Practical	C 1 HSC 1 P 1	Fundamentals of Food and Nutrition	04hrs	56	03hrs	10	40	50	02
II	DSC-3	Theory	C 2 HSC 1 T 1	Housing and Interior Decoration	04hrs	60	03hrs	20	80	100	04
	DSC-4	Practical	C 2 HSC 1 P 1	Housing and Interior Decoration	04hrs	56	03hrs	10	40	50	02
III	DSC-5	Theory	C 3 HSC 1 T 1	Fundamentals of Human Development	04hrs	60	03hrs	20	80	100	04
	DSC-6	Practical	C 3 HSC 1 P 1	Fundamentals of Human Development	04hrs	56	03hrs	10	40	50	02
1V	DSC-7	Theory	C 4 HSC 1 T 1	Introduction to Textiles and Clothing	04hrs	60	03hrs	20	80	100	04
	DSC-8	Practical	C 4 HSC 1 P 1	Introduction to Textiles and Clothing	04hrs	56	03hrs	10	40	50	02
*V	DSC-9A	Theory	C 5 HSC 2 T 1	Adulthood and Special children	04hrs	60	03hrs	20	80	100	04
	DSC-10A	Practical	C 5 HSC 2 P 1	Adulthood and Special children	04hrs	56	03hrs	10	40	50	02
	DSC-9B	Theory	C 5 HSC 2 T 2	Challenged Children and Special Education	04hrs	60	03hrs	20	80	100	04
	DSC-10B	Practical	C 5 HSC 2 P 2	Challenged Children and Special Education	04hrs	56	03hrs	10	40	50	02
*VI	DSC-11A	Theory-	C 6 HSC 2 T 1	Extension Education and Consumer Economics	04hrs	60	03hrs	20	80	100	04
	DSC-12A	Practical	C 6 HSC 2 P 1	Extension Education and Consumer Economics	04hrs	56	03hrs	10	40	50	02
	DSC-11B	Theory-	C 6 HSC 2 T 2	Resource Management and Extension education	04hrs	60	03hrs	20	80	100	04
	DSC-12B	Practical	C 6 HSC 2 P 2	Resource Management and Extension education	04hrs	56	03hrs	10	40	50	02
V	EC-1	Theory	C 5 HSC 5 T 1	Hospitality Management	03hrs	45	03hrs	20	80	100	03
VI	EC-2	Theory	C 6 HSC 5 T 1	Fashion Designing and Interior Decoration	03hrs	45	03hrs	20	80	100	03
IV/V/VI **	Skill	Practical	C 0 HSC 6 P 1	Self-Employment Skills in Home Science	04hrs	56	03hrs	10	40	50	02

*student shall either DSC 9A and DSC10A or DSC 9B and DSC10B in 5th semester. Similarly, DSC 11A and DSC12A or DSC 11B and DSC12B in 6th semester.

** Student shall study Skill of this subject either in 4th / 5th / 6th but not in all the semester.

Karnatak University, Dharwad
B.Sc. (Home Science)

Programme Specific Outcomes (PSO):

On completion of the 03 years Degree in **Home Science** students will be able to:

- PSO1 : Deliver quality tertiary education through learning while doing and reflect universal and domain-specific value in Home Science.
- PSO2 : Involve, communicate and engage key stakeholders, preach and practice change as a continuum.
- PSO3 : Develop the ability to address the complexities and interface among of self, societal and national priorities.
- PSO4 : Generate multi – skilled leaders with a holistic perspective that cuts across disciplines.
- PSO5 : Instill both generic and subject – specific skills to succeed in the employment market.
- PSO6 : Foster a genre of responsible students with a passion for lifelong learning and entrepreneurship.
- PSO7 ; Develop sensitivity, resourcefulness, and competence to render service to families, communities and the nation at large.
- PSO8 : Promote research innovation and design (product) development favoring all the disciplines in Home Science.
- PSO9 : Enhance digital literacy and apply them to engage in real time problem solving and ideation related to all fields of Home Science.
- PSO10 : Appreciate and benefit from the symbiotic relationship among the five core disciplines of Home Science – Recourse Management, Food science and Nutrition, Textiles and Clothing, Human Development and Family Studies and Extension and Communication.

B.Sc. Semester–I

Discipline Specific Course (DSC)-

Subject: **Home Science**

The course **Home Science** in I semester has two papers (Theory Paper – I for 04 credits & Practical Paper – II for 2 credits) for 06 credits. Both the papers are compulsory. Details of the courses are as under.

Course Title: Principles of Food and Nutrition

Course Code:

DSC-1	Theory	C 1 HSC 1 T 1
DSC-2	Practical	C 1 HSC 1 P 1

Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-1	Theory	04	04	60hrs.	3hrs.	20	80	100

Course Outcomes (COs): At the end of the course students will be able to:

1. CO 1: Understand both fundamental and applied aspects of meal planning and nutrition.
2. CO 2: Able to explain functions of specific nutrients in maintaining health.
3. CO 3: Ability to process different kinds of food to retain its nutrient content.
4. CO 4: Traditional and latest methods in food preservation.
5. CO 5: Understand therapeutic nutrition
- 6.

Unit	Title: Principles of Food and Nutrition	60 hrs
Unit I	Introduction to Nutrition Definition of nutrition, Malnutrition and Health, Functions of food, Food groups - food pyramid, Balanced diet - Meal planning – steps in meal planning, BMR, BMI, Energy – factors affecting BMI, Calculation of BMI. Nutrients Definition and classification of Nutrients. Classification, Sources, functions and deficiency of Carbohydrates, Proteins, Fats, Minerals and Vitamins. Water – Functions, sources and water balance Fiber – Functions and sources.	15 hrs
Unit II	Methods of cooking- Advantages and disadvantages a) Water – Boiling, steaming, pressure cooking b) Oil/Fat – Shallow frying, deep frying c) Air – Baking Nutrition through lifecycle- Nutritional requirement, dietary guidelines: Adulthood, Pregnancy, Lactation, Infancy -Complementary feeding, Pre-school, Adolescence, Old age.	15 hrs

UnitIII	Food Processing and Preservation Food Processing - Objectives and principles, Methods, advantages, self-employment aspects Food Preservation- Objectives and principles-Methods: dehydration, temperature regulation, using preservatives like salt and sugar etc., self-employment aspects Food Handling and storage of Perishable, Semi Perishable, Staple foods. Drying, Freezing, thermal and non-thermal methods. Dry staples, freeze dried, dehydrated and canned, etc	15 hrs
UnitIV	Therapeutic nutrition Meaning, Scope and Principles of diet therapy and therapeutic nutrition for changing needs. Factors to be considered while planning therapeutic diet. Special feeding methods of hospital, Routine hospital diets – Clear fluid, soft, semisolid and bland diet. Modification of diet - Febrile conditions, infections and surgical conditions. Factors to be considered while planning diet for - Diabetes, Hypertension, Obesity, constipation, Diarrhea, Fever, Underweight etc.	15hrs

Recommended books:

1. Srilakshmi B, (2007), Dietetics. New Age International publishers. New Delhi
2. Srilakshmi B, (2002), Nutrition Science. New Age International publishers. New Delhi
3. Swaminathan M. (2002), Advanced text book on food and Nutrition. Volume I. Bappco.
4. Gopalan C., RamaSastry B.V., and S.C.Balasubramanian (2009), Nutritive value of Indian Foods. NIN.ICMR. Hyderabad.
5. Mudambi S R and Rajagopal M V, (2008), Fundamentals of Foods, Nutrition & diet therapy by New Age, International Publishers, New Delhi.

B.Sc. Semester–I

Discipline Specific Course (DSC)

Course Title: Principles of Food and Nutrition (**Practical**)

Course Code: C1HSC1P1

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-2	Practical	02	04	56hrs.	3hrs.	10	40	50

Course Outcomes (COs): At the end of the course, students will be able to:

CO 1: Understand both fundamental and applied aspects of meal planning and nutrition.

CO 2: Able to explain functions of specific nutrients in maintaining health.

CO 3: Ability to process different kinds of food to retain its nutrient content.

CO 4: Traditional and latest methods in food preservation.

CO 5 : Understand therapeutic nutrition

List of the Experiments, each will have 4rs / Week

Expt. No,	Title: Principles of Food and Nutrition (Practical)	56.hrs
1	Weights and Measures	4 Hrs
2	Food pyramids	4 Hrs
3	Boiling, steaming	4 Hrs
4	Pressure cooking, shallow and deep fat Frying	4 Hrs
5	Dry heat –baking	4 Hrs
6	Identification of nutrient rich foods and preparation of any three nutrient rich foods	6 Hrs
7	Food preservation – salt, sugar and dehydration.	8 Hrs
8	Routine hospital diets – Clear fluid, soft, semisolid and bland diet	8 Hrs
9	Therapeutic diet Planning and preparation for different conditions- Diabetes, Hypertension, Obesity, constipation, Diarrhea, Fever, Underweight etc.	8 Hrs
10	Visit to Food Processing Unit/Dairy/Packaging Industry/Food Processing Unit/Hospital Nutrition Department and write a Report	6 Hrs

Instructions if any:

1. Should tie Hair Properly
2. Lab Coat Compulsory.
3. Nails should be trim
4. Maintain Cleanliness and Hygiene in the Laboratory

Books recommended:

1. Srilakshmi B, (2007), Dietetics. New Age International publishers. New Delhi
2. Srilakshmi B, (2002), Nutrition Science. New Age International publishers. New Delhi
3. Swaminathan M. (2002), Advanced text book on food and Nutrition. Volume I. Bapco.

B.Sc. Semester– II

Discipline Specific Course (DSC)-

Course Title: Housing and Interior Decoration (Theory)

Course Code:

DSC-1	Theory	C2HSC1T1
DSC-2	Practical	C 2HSC 1 P 1

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
DSC-3	Theory	04	04	60hrs.	3hrs.	20	80	100

Course Outcomes (COs): At the end of the course students will be able to:

- CO1: To Learn about housing and its principles
- CO2: To understand about color and its application in interiors
- CO3: To apply elements and principles of design in interior decoration
- CO4: To know about furniture, window treatment and accessories in interiors
- CO5: To become aware of the planning principles for designing various interior spaces
- CO6: To apply one's aesthetics and creative abilities in making attractive and functional interiors.

Unit	Title: Housing and Interior Decoration	60 hrs
Unit I	Housing: Selection of site and Housing, Principles of Housing, Classification of Residential Building Independent Twin, Row, Apartments & Skyscrapers. Design Fundamentals: Types of design- Structural and Decorative, Naturalistic, Stylized, Geometric, Abstract. Elements of Art: Line, form, colour, space, texture, Pattern, light. Principles of design: Harmony, Proportion, Balance, Rhythm, Emphasis	15 hrs
Unit II	Dimension of color- Hue, Value, Intensity, Advancing and receding colors, cool and warm colors. Characteristics of colors. Prang color system- Primary, secondary, and Tertiary colors, color wheel. Color Harmonies- Related and Non-Related Color Harmonies. Furniture in Interiors- Principles of Furniture Arrangement, Factors to be considered in Selection, Furniture Arrangement for different rooms. Styles of Furniture and materials used to make furniture Lighting: Methods of lighting in Interior decoration	15 hrs
Unit III	Windows - Types of windows- casement, bay window, sliding window, awning window, picture window. Window treatment- Modes of Hanging Curtains- Cafe, Tier, Picilla, Crises Cross, Glass, Pleated Accessories - classification and types of accessories Flower decoration: Care of Flowers, Materials required in flower arrangement, styles in arrangement and shapes.	15 hrs

UnitIV	Art of Entertaining and Etiquette Menu planning, Factors to be considered in meal planning. Planning & organizing parties/Functions -Invitations, Wishing Card, Thank you card, Book mark, Acceptance letter, Place Card and Menu card. Selection of table ware, Table setting for Indian, Western & buffet style	15hrs
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Recommended books:

1. Byer G.H. " Housing A Factual Analysis " Mc. Milian Co. New Delhi.
2. Deshpande R.S. " Modern Ideal Homes for Indian " UBC, New Delhi. Dorothy sara "The collier quick and easy guide to etiquate"
3. Gross I.H. &Grandalh E.W. " Management for Modern Families" Storling Publisher Pvt. Ltd Delhi.
4. Premlatha Mullick (2015) Textbook Of Home Science - Kalyani Publishers, New Delhi.
5. Raja Rao and Subramanya (2003) Planning and Designing Residential Buildings – Standard Publishers and Distributors, New Delhi.
6. Interior decoration magazine.
7. Inside outside magazines.
8. Saxena, S. (2003), A first Course in Computers, Vikas Publishing house, New Delhi.

B.Sc. Semester–II

Discipline Specific Course (DSC)

Course Title: Housing and Interior Decoration (Practical)

Course Code: C2HSC1P1

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-4	Practical	02	04	56hrs.	3hrs.	10	40	50

Course Outcomes (COs): At the end of the course, students will be able to:

- CO1: To Learn about housing and its principles
- CO2: To understand about color and its application in interiors
- CO3: To apply elements and principles of design in interior decoration
- CO4: To know about furniture, window treatment and accessories in interiors

List of the Expedients, each will have 4rs / Week

Expt. No,	Title: Housing and Interior Decoration (Practical)	56.hrs
1	Design- Structural and Decorative design.	2 Hrs
2	Elements of Arts	5 Hrs
3	Principles of design.	5 Hrs
4	Color wheels, color harmonies.	6 Hrs
5	Furniture arrangement and Window treatment	6 Hrs
6	Flower arrangement	6 Hrs
7	Preparation of two types of Accessories	6 Hrs
8	Preparation of Invitation, Acceptance, Thank You Card, Greeting Card, Book Mark, Menu Card and Place Card	8 Hrs
9	Table Setting Indian & Western	6 Hrs
10	Visit to Famous architectural site/house/building and write a report	6 Hrs

Instructions if any:

1. Should tie Hair Properly
2. Lab Coat Compulsory.
3. Bring Your own Lab Study Materials.
4. Maintain Cleanliness and Hygiene in the Laboratory.

Books recommended:

1. Premlatha Mullick (2015) Textbook Of Home Science - Kalyani Publishers, New Delhi.
2. Raja Rao and Subramanya (2003) Planning and Designing Residential Buildings – Standard Publishers and Distributors, New Delhi.
3. Interior decoration magazine.

B.Sc. Semester– III

Discipline Specific Course (DSC)

Course Title: Fundamentals of Human Development (Practical)

Course Code: C3HSC1P1

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-6	Practical	02	04	56hrs.	3hrs.	10	40	50

Course Outcomes (COs): At the end of the course, students will be able to:

CO1: Describe the characteristics, needs and developmental tasks of different stages in the human lifecycle

CO 2: Discuss the special features characteristic of each stage and its impact on the next stage

CO 3: Explain the broad theoretical perspectives of different researchers.

CO 4: Explain the importance of Early Childhood Education

List of the Expedients, each will have 4rs / Week

Expt. No,	Title: Fundamentals of Human Development (Practical)	56.hrs
1	Visits to Anti natal care unit – write a report	4 Hrs
2	Prepare an album on the stages of prenatal development.	4 Hrs
3	Organize a lecture/workshop for parents on Importance of the nutrition/ Needs of preschool children	6 Hrs
4	Develop an activity to foster cognitive development in school children	6 Hrs
5	Collection of newspaper and magazine articles as well as internet searches on behavioral problems preschool/ school children – write a report	6 Hrs
6	Assess the problems of adolescents	6 Hrs
7	Preparation of poster/ booklet/leaflet on Life span development	6 Hrs
8	Visit to Nursery School/Day Care/ Crèches, Anganwadi/ Balwadi – Observe the early childhood education programme and write a report	6 Hrs
9	Develop low cost and indigenous play materials and Prepare a Scrap Book/picture book/ resource book for cognitive development	6 Hrs
10	Plan and prepare teaching aids for - physical development, story-telling, creative activities, nature and science activities.	6 Hrs

Instructions if any:

1. Should tie Hair Properly
2. Lab Coat Compulsory.

3. Bring Your own Lab Study Materials.
4. Maintain Cleanliness and Hygiene in the Laboratory.

Books recommended:

1. Burtonwood, N. (2002). Anthropology, Sociology and the Preparation of Teachers for a culturally Plural Society. *Pedagogy, Culture and Society*. 10(3), 367-387.
2. Clarke, P. (2001). *Teaching & learning: the culture of pedagogy*. New York: Sage
3. National association for the education of young children, July 1998. Learning to read and Write: developmentally appropriate practices for young children. 53 (4), 30-46.
4. NCERT (2007). *Handbook of arts in education*
5. Neuman, S., Dwyer, J. & Koh, S. (2007). *Child/Home early language and literacy observation*. Baltimore: Brookes Publishing House

B.Sc. Semester–IV

Discipline Specific Course (DSC)-

Course Title:- Introduction to Textile and Clothing (Theory)

Course Code

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DSC-1	Theory	C4HSC1T1						
DSC-2	Practical	C4HSC1P1						
Type of Course	Theory /Practical	Credits	Instruction hours per week	Total No. of Lectures /Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-7	Theory	04	04	60hrs.	3hrs.	20	80	100

Course Outcomes (COs): At the end of the course students will be able to:

CO1: Students will develop understanding regarding fibers and their use in different sectors.

CO2: With the acquired knowledge students will be able to identify different kinds of fabrics – composition, weave etc

CO3: Competent to develop a good design through application of elements of design

CO4: Students are able to create compositions using various color schemes

CO5: Students will develop understanding regarding the identification and testing parameters of textiles

CO6: To introduce the basic scientific concepts related to processing and production of textiles.

Unit	Title: Introduction to Textile and Clothing	60 hrs
Unit I	Fiber to Fabric Fiber and Their Properties Meaning, Importance and Scope of Textiles. Classification of fiber Natural and Manmade. Manufacturing process and properties of Cotton, Silk, Wool, Nylon, Polyester and Gauze	15 hrs
Unit II	Yarn and Weaving Operation Introduction, Types, Classification of Yarns, Yarn Twists and Counts Parts of a Basic Loom – Shuttle, Heddle, Reed, Warp beam & Cloth Beam Basic Weaving operation – Shedding, Picking, Beating, taking in and letting off Parts of a fabric – Warp, Weft, Grain, Bias and Selvedge Basic Weaves – Plain Weave, Basket Weave, Rib, Twill, Satin Fancy weaves – Leno, Pile and Jacquard.	15 hrs
Unit III	Finishing and Care of Fabric Aims of finishing, Finishes affecting appearance and texture. Aesthetic Finishes (Singeing, Bleaching, Mercerization, Tentering, Shrinking, Weighting, Calendaring, Sizing, Embossing and Napping). Finishes for enhancing special Character-Functional Finishes (Fire proof, Water proof, proof, and Mildew proof). Care of Clothing – Laundering of Cotton, Silk and Wool and Storage of these.	15 hrs

	Stain Removal – Meaning, Classification of stains and Stain removal methods Dry Cleaning – Meaning, Methods and Advantages & Disadvantages.	
UnitIV	Processing of Fabric and Indian Textiles Dyeing - Introduction, Principles of dyeing, Methods of dyeing (dope, fiber, yarn, fabric and garment) Synthetic Dyes: (Direct, Azoic, Basic, Vat, Solubilized vat dyes, Sulphur, Acid, Mordant, Reactive and Disperse), Natural Dyes: (Classification, their application and ecological concern). Printing - Introduction to printing and Various methods of Printing. Difference between Dyeing and Printing. Traditional Textiles and Embroideries of India a) Textiles: Dacca Muslin, Patola, Paithani, Ilkal, Chanderi and Brocades. b) Embroideries: Kasuti, Phulkari, Chickankari, Kashida, Kantha, Kutch & Kathiawar & Chamba Rumal	15hrs

Recommended books:

1. Hollen and Saddler J (1995):Textiles latest Edn.,Mac Millan and Co .,New York.
2. MullickP.,(2012), “Text Book of Home Science”KalyaniPublishers.New Delhi.
3. Potter and Cob man “Fiber to Fabric”.
4. DoraltyK.Burhhan “A Textile Terminology”
5. Holeen and Sddlev – “Textiles”
6. HertK.P.”Textiles fibers and their use”, IBH Publishing co.
7. Durga.Denikar “Household Textiles and laundry” Abnaram L Sons Delhi.
8. Corbman.B.P(2001):Textile fibre to fabric,McGraw Hill ,New York
9. Wingato “Selection and Care of Textiles”.
10. Bev Ashford, (2014). Fibers to fabrics, Author house, USA.
11. Peter. R. Lord, (2003). Hand book of yarn production, Wood head Publishing Ltd, England.
12. Kothari, V. K, (2010). Progress in Textile Science, Vol I, II and III, IAFL Publications, New Delhi.
13. Seema Sekhri, (2011). Textbook of Fabric science, Fundamentals to finishing, PHI Learning Private limited, New Delh

B.Sc. Semester–IV

Discipline Specific Course (DSC)

Course Title: Introduction to Textile and Clothing (Practical)

Course Code: C4HSC1P1

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
DSC-8	Practical	02	04	56hrs.	3hrs.	10	40	50

Course Outcomes (COs): At the end of the course, students will be able to:

CO1: With the acquired knowledge students will be able to identify different kinds of fabrics – composition, weave etc

CO2: Competent to develop a good design through application of elements of design

CO3: Students are able to create compositions using various color schemes

CO4: Students will develop understanding regarding the identification and testing parameters of textiles

List of the Experiments, each will have 4rs / Week

Expt. No,	Title: Introduction to Textile and Clothing (Practical)	56.hrs
1	Identification of Cotton, Silk, Wool, Rayon, Polyester & Nylon fibers by: A) Visual test. B) Solubility test. C) Burning test and D) microscopic test.	06 Hrs
2	Weaving- Making samples of the following: A) Plain- Basket Ribbed. B) Twill- Even and Uneven C) Satin & sateen weaves	08 Hrs
3	Dyeing & Printing- Block, spray stencil Tie & Dye and Batik.	06 Hrs
4	Prepare a scrap book of different type of fabrics according to the fabric construction techniques	06 Hrs
5	Sketch the pattern of Traditional Indian Textiles	08 Hrs
6	Prepare a scrap book/Album on stain Removal	04 Hrs
7	Making samples of Indian Embroideries	08 Hrs
8	Visit to Sericulture farm, spinning, weaving, Dyeing & Printing units.	06 Hrs
9	Visit to Laundry Unit /Dry cleaning Unit	04 Hrs

Instructions if any:

1. Should tie Hair Properly
2. Lab Coat Compulsory.
3. Bring Your own Lab Study Materials.

4. Maintain Cleanliness and Hygiene in the Laboratory.

Books recommended:

1. Bev Ashford, (2014). Fibers to fabrics, Author house, USA.
2. Peter. R. Lord, (2003). Hand book of yarn production, Wood head Publishing Ltd,England.
3. Kothari, V. K, (2010). Progress in Textile Science, Vol I, II and III, IAFLPublications, New Delhi.
4. Seema Sekhri, (2011). Textbook of Fabric science, Fundamentals to finishing, PHI Learning Private limited, New Delhi
5. Holeen and Sddlev – “Textiles”
6. HertK.P.”Textiles fibers and their use”, IBH Publishing co.

B.Sc. Semester–V

Discipline Specific Course (DSC)-

Student shall select DSC 9A & 10 A or 9B & 10 B for 06 credits only

Course Title:- Adulthood and Special children (Theory)

Course Code:

DSC-1	Theory	C5HSC2T1						
DSC-2	Practical	C5HSC1P1						
Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-9A	Theory	04	04	60hrs.	3hrs.	20	80	100

Course Outcomes (COs): At the end of the course students will be able to:

- CO1: To understand the physical, physiological, cognitive and socio-economical development during adulthood.
- CO2: Sensitized about interpersonal relationships, Marriage, functions of marriage, changing trends in marriage, family and family dynamics.
- CO3: Prepare for outreach activities with varied groups of adults and elderly
- CO4: To know about special children's difficulties
- CO5: To become aware of special children education

Unit	Title: Adulthood and Special children (Theory)	60 hrs
Unit I	Adulthood- Early Adulthood and Marriage Historical perspectives on adulthood, Contemporary changes, increase in life expectancy and decrease in death rate, classification of Adulthood. Early Adulthood- Characteristics and developmental tasks, physical, social, cognitive, emotional and moral development. Roles, responsibilities and adjustments. Marriage – definition, functions, areas of marital adjustments, essentials of successful marriage. Changing trends in marriage: cohabitation, remarriage, LGBT (Lesbian, Gay, Bisexual, and Transgender) marriages	15 hrs
Unit II	Family, Family Dynamics and Middle Adulthood Family – Definition functions and types. Changing trends in family: causes for change, single parent families, separated families, nuclear families cross generational families, adoptive/foster families, blended families, same-sex parent families. Family Dynamics- Definition, function and scope. Gender norms and roles in family dynamics Middle Adulthood - Characteristics and developmental tasks. Physical, physiological and socio-emotional changes, changes in cognitive abilities, Adjustments and hazards of middle age, preparation for retirement	15 hrs

UnitIII	Family crisis and Late Adulthood Forms of family crisis: Marriage, divorce/separation, remarriage, financial instability, poor work-family balance, illness, death, childlessness, child abuse/neglect, family violence, peer pressure, addiction, rape, suicide, unemployment, natural disasters, epidemics and wars. Agencies offering support: Marriage and family therapists, Family courts, Child guidance clinics, counseling and rehabilitation centers Late Adulthood - Characteristics and developmental tasks. Physical, physiological, psychological and social changes. Health care and health problems, Adjustments to retirement, successful ageing, Death anxiety and coping with it.	15 hrs
UnitIV	Special Children. Definition, Concept and classification of Children with special needs. Factors influencing disability – Genetic and Environment. Definition, Characteristics, Classification, Causes, Prevention and education of MR, Cerebral Palsy, Gifted, Visually impaired, Auditory impaired, Physically Challenged children.	15hrs

Recommended books:

1. Arnett, J. J., & Jensen, L. A. (2019). Human Development: A cultural approach (3rd ed.). New York: Pearson.
2. Berk, L.E. (2005). Child development (5th ed.). New Delhi: Prentice Hall
3. Baradha, G. 'Basics of Human Development' Saradalaya Press, Sri Avinashilingam Education Trust Institutions, Coimbatore 2008.
4. Cavanaugh, J., & Blanchard-Fields, F. (2011). Adult development and aging (7th ed.). Stamford, CT: Cengage Learning.
5. Hurlock, B. Elizabeth 'Developmental Psychology – A Life Span Approach' Tata McGraw Hill Publications, New Delhi Latest Edition. 3.
6. Kapadia, S. (2011). Psychology and human development in India. Country paper. International Society for the Study of Behavioural Development Bulletin Number 2, Serial No. 60, pp.37-42.
7. Santrock, J. (2017). A topical approach to life span development (9th ed.). New York: McGraw-Hill Higher Education.
8. Singh, A. (2015). Foundations of Human Development: A life span approach. ND: Orient Black Swan
9. Suriakanthi, A. (2015) 'Child Development' Kavitha Publications, Gandhigram, Tamil Nadu.
10. Walsh, B.A., DeFlorio, L., Burnham, M.M., & Weiser, D.A. (2017). Introduction to Human Development and Family Studies. NY: Routledge

B.Sc. Semester–V

Discipline Specific Course (DSC)

Course Title: Adulthood and Special children (Practical)

Course Code: C 5 HSC 2 P 1

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-10A	Practical	02	04	56hrs.	3hrs.	10	40	50

Course Outcomes (COs): At the end of the course, students will be able to:

- CO1: Sensitized about interpersonal relationships, Marriage, functions of marriage, changing trends in marriage, family and family dynamics.
- CO2: Prepare for outreach activities with varied groups of adults and elderly
- CO3: To know about special children's difficulties
- CO4: To become aware of special children education

List of the Expedients, each will have 4rs / Week

Expt. No,	Title: Adulthood and Special children (Practical)	56.hrs
1	Visit to local Marriage registration office and write report.	6Hrs
2	Prepare posters on selection of life partner/ changing trends in marriage/adjustments/ problems in marriage	6 Hrs
3	Visit to a marriage bureau, understanding trends and write a report	6Hrs
4	Select a form of family crisis or stress. Develop an educational aid to prevent and manage the crisis.	6 Hrs
5	Conduct a role play to create awareness among college students on family values / family relationship /stability in marriage.	6 Hrs
6	Visit to an old age home and write a report	
7	Plan and conduct a community based educational Programme on Rights of Disabled Children	6 Hrs
8	Develop an educational aid to Visually impaired /Auditory impaired/Gifted children	6Hrs
9	Visit to Institutions of Challenged Children and observe the ongoing rehabilitation services and treatment – Writing Report	6Hrs
10	Prepare a play/teaching material for challenged children	8Hrs

Instructions if any:

1. Should tie Hair Properly
2. Lab Coat Compulsory.
3. Bring Your own Lab Study Materials.
4. Maintain Cleanliness and Hygiene in the Laboratory.
5. Should take part in Study Visits

Books recommended:

1. Kapadia, S. (2011). Psychology and human development in India. Country paper. International Society for the Study of Behavioural Development Bulletin Number 2, Serial No. 60, pp.37-42.
2. Santrock, J. (2017). A topical approach to life span development (9th ed.). New NY.:Mcgraw-HillHigher Education.
3. Singh, A. (2015). Foundations of Human Development: A life span approach. ND: Orient BlackSwan
4. Suriakanthi. A. (2015) 'Child Development' Kavitha Publications, Gandhigram, Tamil Nadu.
5. Walsh, B.A., Deflorio, L., Burnham, M.M., & Weiser, D.A. (2017). Introduction to HumanDevelopment and Family Studies. NY: Routledge

B.Sc. Semester–V

Discipline Specific Course (DSC)-

Student shall select DSC 9B & 10 B or DSC 9A & 10 A for 06 credits only

Course Title: Challenged Children and Special Education (Theory)

Course Code:

DSC-1	Theory	C 5 HSC 2 T2
DSC-2	Practical	C5HSC1P2

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-9B	Theory	04	04	60hrs.	3hrs.	20	80	100

Course Outcomes (COs): At the end of the course students will be able to:

- CO1: To understand different challenged children.
- CO2: Sensitized about causes and prevention of impairment.
- CO3: Prepare for outreach activities with varied groups of special children.
- CO4: To know about special children's difficulties
- CO5: To become aware of special children education

Unit	Title: Challenged Children and Special Education (Theory)	60 hrs
Unit I	Definition, Concept and classification of Children with special needs. Relationship Between Delayed development and Disability, Factors influencing disability – Genetic and Environment; Incidence and Prevalence in India. Rights of Disabled Children. Need for Prevention, Intervention, Education and Rehabilitation of Disability. Early Detection, Screening, Identification and Assessment in the Community. Understanding the families with a Special Child. Special Education: Inclusive education, Resource room, Resource teacher, Need for special education with special needs, Integrated education – Its meaning and significance for child development. Convergence of services of specialists.	15 hrs
Unit II	Mentally Challenged and Gifted Children: Definition, Classification and Terms, Causes and Prevention, Characteristics of Children with Mental Retardation and Gifted; Role of family and community in dealing with mentally challenged and gifted children Children with Sensory Impairment: Visually and Auditory challenged – Definition, Classification, Characteristics, Causes, Prevalence, Techniques of identification and assessment; Role of family and community in dealing children with sensory impairment.	15 hrs
Unit III	Children with Learning Difficulties and Disability: Definition, Difference between difficulty and disability, Problems of labelling, Criteria for Identification and Diagnosis, Characteristics, Causes and Correlates of learning disability. Role of family and Parents in dealing with children with learning difficulties Children with Cerebral Palsy and Orthopedically Disabled: Definition, Characteristics, Classification and Prevalence, Causes and Associated conditions, Prevention and Treatment Approaches; Role of family and community in dealing children with Cerebral Palsy and Orthopedically Disabled	15 hrs

UnitIV	Children With Communication Disorders: Definition, Importance of Speech and language, Classification, Characteristics, Causes; Role of family and community services in treatment and management Children with Behaviour Disorders: Definition, Characteristics, Classification, Different Behavioural Problems, Causes and correlating factors; Role of Family in Treatment and Therapy.	15hrs
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Recommended books:

1. Arnett, J. J., & Jensen, L. A. (2019). Human Development: A cultural approach (3rd ed.). New York: Pearson.
2. Berk, L.E. (2005). Child development (5th ed.). New Delhi: Prentice Hall
3. Baradha, G. 'Basics of Human Development' Saradalaya Press, Sri Avinashilingam Education Trust Institutions, Coimbatore 2008.
4. Hurlock, B. Elizabeth 'Developmental Psychology – A Life Span Approach' Tata McGraw Hill Publications, New Delhi Latest Edition. 3.
5. Santrock, J. (2017). A topical approach to life span development (9th ed.). New NY.: McGraw-Hill Higher Education.
6. Singh, A. (2015). Foundations of Human Development: A life span approach. ND: Orient Black Swan
7. Suriakanthi. A. (2015) 'Child Development' Kavitha Publications, Gandhigram, Tamil Nadu.
8. Walsh, B.A., Deflorio, L., Burnham, M.M., & Weiser, D.A. (2017). Introduction to Human Development and Family Studies. NY: Routledge.
9. S.K. Mangal (2012), Educating Exceptional Children. An Introduction to special education. PHI Learning Private Limited, Delhi.
10. K.C. Panda. (2019) Education of Exceptional Children, Vikas Publishing House Pvt. Ltd. Noida.

B.Sc. Semester– V

Discipline Specific Course (DSC)

Course Title: Challenged Children and Special Education (Practical)

Course Code: C 5 HSC 2 P 2

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-10B	Practical	02	04	56hrs.	3hrs.	10	40	50

Course Outcomes (COs): At the end of the course, students will be able to:

- CO1: Prepare for outreach activities with varied groups of special children.
- CO2: To know about special children's difficulties
- CO3: To become aware of special children education

List of the Expedients, each will have 4rs / Week

Expt. No,	Title: Challenged Children and Special Education	56.hrs
1	Visit to Institutions of Challenged Children and observe the ongoing rehabilitation services and treatment – Writing Report	6Hrs
2	Case Studies on different types of Challenged Children.	6 Hrs
3	Plan and conduct a community based educational Programme on Rights of Disabled Children	6Hrs
4	Develop an educational aid to Visually impaired /Auditory impaired/Gifted children	6 Hrs
5	Prepare case study file on different types of Challenged Children.	6 Hrs
6	Collection of newspaper and magazine articles as well as internet searches on challenged children – Prepare a file	4 Hrs
7	Prepare a play/teaching material for challenged children	6Hrs
8	Conduct an activity for special children	8Hrs
9	Conduct a workshop to create awareness on causes of challenged children	8Hrs

Instructions if any:

1. Should tie Hair Properly
2. Lab Coat Compulsory.
3. Bring Your own Lab Study Materials.
4. Maintain Cleanliness and Hygiene in the Laboratory.
5. Should take part in Study Visits

Books recommended:

1. Santrock, J. (2017). A topical approach to life span development (9th ed.). New NY.:Mcgraw-HillHigher Education.
2. Singh, A. (2015). Foundations of Human Development: A life span approach. ND: Orient BlackSwan
3. Suriakanthi. A. (2015) 'Child Development' Kavitha Publications, Gandhigram, Tamil Nadu.
4. Walsh, B.A., Deflorio, L., Burnham, M.M., & Weiser, D.A. (2017). Introduction to HumanDevelopment and Family Studies. NY: Routledge.

B.Sc. Semester–VI

Discipline Specific Course (DSC)-

Student shall select DSC 11B & 12 B or DSC 11A & 12A for 06 credits only

Course Title:- Extension Education and Consumer Economics (Theory)

Course Code:

DSC-1	Theory	C6HSC2T1
DSC-2	Practical	C6HSC1P1

Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-11A	Theory	04	04	60hrs.	3hrs.	20	80	100

Course Outcomes (COs): At the end of the course students will be able to:

CO1: Understand the concept and principles of Extension Education

CO2: Familiarize with the teaching learning process

CO3: Know about the concept of communication and resource management.

CO4: Know about national and international agencies working for women, children and youth.

CO5: Understand Consumer rights and responsibilities.

Unit	Title: Extension Education and Consumer Economics (Theory)	60 hrs
Unit I	Concept of extension education Definition, Meaning, Objectives and principles of Extension Education. Formal, Informal and Non-Formal Education, Role of Home Science in Extension Education. Teaching learning process, a. Learning - Concept, Principles, Elements b. Teaching - Process, Types: - Trainee-dominated method, Trainer dominated method, Cooperative method, Functional method c. Qualities of a good teacher Extension teaching methods - Role play, workshop, Audio Visual Aids and importance of choice of audio-visual aid in extension education; other methods of teaching the extension education – demonstration, exhibitions, fieldtrips, camps, meetings, etc	15 hrs
Unit II	Communication and Resource management Communication Process: Definition, meaning, scope and functions of communication; communication channels and process; communication approaches – Individual, group and mass approaches; Role of extension education in community development. Feedback in communication Communicator – communicate relationships. Barriers to communication. Resources: Definition, Characteristics, and Classification – Human and Non-Human Resources, Renewable and Non-Renewable resources, Energy conservation and sustainability, Factors affecting the use of resources. Management: Definition, Motivating factors (Values, Goals, Standards and Attitudes), Management Process -Planning, Organizing, Controlling and Evaluating.	15 hrs

UnitIII	Agencies Working for the Welfare of Women, Children, Youth and Families at various levels – Local, National and International, ICDS, Mid-day meal, DANIDA, IAPF, CSWB and SSWB, ICCW, DWCR, FPAI, NCERT, Indian Council for Child Welfare, Association for the Pre-school child, national Institute for Public Co-operation and Child Development (NIPCCD), CRY, SOS CHILDREN'S Village of India, Child Guidance Clinics, Juvenile Service Bureau. Prophylaxis Programme, NCD, IDD Control Programme, agencies in Community Nutrition and Extension education – FAO, WHO, UNICEF, ICMR, NIN, CFTRI, CARE, AID, CSIR, UNESCO, etc. Support services for youth development: counselling, employment bureaus/career guidance, sports and recreational activities, Life Skills Education for youth, NCC,NSS and youth camps, Sneha Clinic, AIDS/MIV, STD awareness programmes. Agencies working for youth: Ministry of Human Resource Development, Department of sports and Youth Affairs, Nehru Yuvak Kendra, YMCA, YWCA, Ramkrishna Mission, Vishwa Yuvak Kendra, YUVA.	15 hrs
UnitIV	Consumer Education Consumer Education: Definition, Importance, functions, Rights and Responsibilities, Consumer problems – Fraud and fraudulent practices Protection- Agencies to protect consumer interest and legislative measures.Consumer Aids- Advertisement, brand, packing, labelling, grading, standardization, agencies securing standards (ISI, AGMARK, FPO, Eco mark, Wool mark, Silk mark, FSSAI, veg-non veg marks etc.)	15hrs

Recommended books:

1. Dahama.O.P and O.P Bhatnagar: Education and Communication for Development, 2nd Edition; Oxford and IBH Publishing Co.pvt.Ltd New Delhi, 1985
2. Khan.P.M and L.L. Somani: Fundamentals of Extension Education, Agrotech Publishing Academy, Udaipur,2009
3. Ray, G.L: Extension Communication and Management, Naya Prakash, Calcutta, 1999
4. Reddy: Extension Education, Bapatia India, Srilakshmi press, 1987
5. Rodgers, Alan: Teaching methods in Extension Education for development, Westwood Row, Woodmans, 1989
6. Armstrong, M. (2003). A Handbook of Human Resource Management Practice. Kogan Page, London, UK
7. Gratton, L. (1994). Implementing Strategic Intent: Human Resource Processes as a Force for Change, Business Strategy Review. 5(1):47-66.
8. Heneman, H. G. and Judge, T. A. (2003). Staffing Organizations, McGraw-Hill, London, UK.
9. Sharma, I. J. 1984. The Culture Context of Indian Managers, Management and Labour Studies, 9:72- 80
10. Singh, K. (2003). Strategic HR Orientation and Firm Performance in India, International Journal of Human Resource Management, 14(4): 530-4
11. Gross. I. H.,Crandall,E.W.andKnoll,M.M.(1980).ManagementforModernFamiliesNew Jersey: Prentice Hall Inc
12. Bhargava, B. (2005). *Family Resource Management and Interior Decoration*, Jaipur: Apple Printer and V. R. Printers

13. Varghese, M. A., Ogale. N. and Srinivasan K. (1985). *Home Management*. New Delhi: New Age International (P) Limited, Publishers (ISBN 13: 9780852269046)

B.Sc. Semester–VI

Discipline Specific Course (DSC)

Course Title: Extension Education and Consumer Economics (Practical)

Course Code: C6HSC2P1

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-12A	Practical	02	04	56hrs.	3hrs.	10	40	50

Course Outcomes (COs): At the end of the course, students will be able to:

CO1: Familiarize with the teaching learning process

CO2: Know about the concept of communication and resource management.

CO3: Know about national and international agencies working for women, children and youth.

CO4: Understand Consumer rights and responsibilities

List of the Expedients, each will have 4rs / Week

Expt. No,	Title: Extension Education and Consumer Economics (Practical)	56.hrs
1	Prepare visual aid used in the extension program any one Home Science concepts- Different Charts/Poster/booklet/Leaflet.	10 Hrs
2	Prepare audio visual aid used in the extension program any one Home Science concepts	10 Hrs
3	Visit to Women and child welfare office to know about welfare programmes and write a report.	6Hrs
4	Visit to DD Akshara Dasoha office and write report.	6 Hrs
5	Visit to Primary Health Center and learn about community health programmes and write report.	6 Hrs
6	Visit to Department of Sports and Youth affairs to learn about youth welfare programmes and write report.	4 Hrs
7	Planning an Event - management and evaluation, with reference to Managerial process	8 Hrs
8	Visit to District Consumer Forum and write a Report	6Hrs

Instructions if any:

1. Should tie Hair Properly
2. Lab Coat Compulsory.
3. Bring Your own Lab Study Materials.
4. Maintain Cleanliness and Hygiene in the Laboratory.
5. Should take part in Study Visits

Books recommended:

1. Gratton, L. (1994). Implementing Strategic Intent: Human Resource Processes as a Force for Change, *Business Strategy Review*. 5(1):47-66.
2. Heneman, H. G. and Judge, T. A. (2003). *Staffing Organizations*, McGraw-Hill, London, UK.
3. Sharma, I. J. 1984. The Culture Context of Indian Managers, *Management and Labour Studies*, 9:72- 80
4. Singh, K. (2003). Strategic HR Orientation and Firm Performance in India, *International Journal of Human Resource Management*, 14(4): 530-4
5. Gross. I. H.,Crandall,E.W.andKnoll,M.M.(1980). *ManagementforModernFamilies*New Jersey: Prentice Hall Inc

B.Sc. Semester–VI

Discipline Specific Course (DSC)-

Student shall select DSC 11B & 12 B or DSC 11A & 12A for 06 credits only

Course Title: Resource Management and Extension Education (Theory)

Course Code:

DSC-1	Theory	C6HSC2T2
DSC-2	Practical	C6HSC1P2

Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-11B	Theory	04	04	60hrs.	3hrs.	20	80	100

Course Outcomes (COs): At the end of the course students will be able to:

CO 1: Understand the available resources

CO 2: Develop the ability to evaluate the managerial efficiency and effectiveness in the family and other organization.

CO 3: Acquire an understanding of money management and real-world challenges

CO 4: Understand Consumer rights and responsibilities.

CO 5: Understand the concept and principles of Extension Education

CO 6: Familiarize with the teaching learning process

Unit	Title: Resource Management and Extension Education (Theory)	60 hrs
Unit I	Introduction to Resource Management Resources: Definition, Characteristics, and Classification – Human and Non-Human Resources, Renewable and Non-Renewable resources, Energy conservation and sustainability, Factors affecting the use of resources. Management: Definition, Motivating factors (Values, Goals, Standards and Attitudes), Management Process -Planning, Organising, Controlling and Evaluating. Decision making – Meaning, Importance, Types, Characteristics, Steps, Tools, and Factors affecting decision making. Time Management, Time plan, Tools, Process and practices. Human Energy as a resource, Fatigue- Causes, Types and Remedies to overcome fatigue. Work simplification definition, techniques, Mundell's classes of change, Ergonomics – Meaning, Definition and Importance	15 hrs
Unit II	Money Management - Money Management-Meaning, Family Income – Types, sources, Ways of supplementing family income and factors affecting income and expenditure pattern. Budget plan- Meaning, importance, steps in making family budget, advantages and factors affecting family budget. Account Keeping- Factors to be considered while planning Accounts, Ledgers Saving Process, Practice and advantages, Saving Institutions- Bank, Post office, Insurance, PPF, UTI etc.	15 hrs

	Investment – Meaning, types and principles involved Credit- Meaning, types, sources, advantages and disadvantages.	
UnitIII	Consumer Education Consumer Education: Definition, Importance, functions, Rights and Responsibilities, Consumer problems – Fraud and fraudulent practices Protection- Agencies to protect consumer interest and legislative measures. Consumer Aids- Advertisement, brand, packing, labelling, grading, standardization, agencies securing standards (ISI, AGMARK, FPO, Eco mark, Wool mark, Silk mark, FSSAI, veg-non veg marks etc.)	15 hrs
UnitIV	Concept of extension education Definition, Meaning, Objectives and principles of Extension Education. Formal, Informal and Non-Formal Education, Role of Home Science in Extension Education. Teaching learning process, a. Learning - Concept, Principles, Elements b. Teaching - Process, Types: - Trainee-dominated method, Trainer dominated method, Cooperative method, Functional method c. Qualities of a good teacher Extension teaching methods - Role play, workshop, Audio Visual Aids and importance of choice of audio-visual aid in extension education; other methods of teaching the extension education – demonstration, exhibitions, fieldtrips, camps, meetings, etc	15hrs

Recommended books:

- 1.Dahama.O.P and O.P Bhatanagar: Education and Communication for Development, 2nd Edition; Oxford and IBH Publishing Co.pvt.Ltd New Delhi, 1985
- 2.Khan.P.M and L.L. Somani: Fundamentals of Extension Education, Agrotech Publishing Academy, Udaipur,2009
- 3.Ray, G.L: Extension Communication and Management, Naya Prakash, Calcutta, 1999
- 4.Reddy: Extension Education, Bapatia India, Srilakshmi press, 1987
- 5.Rodgers, AJan: Teaching methods in Extension Education for development, Westwood Row, Woodmans, 1989
- 6.Armstrong, M. (2003). A Handbook of Human Resource Management Practice. Kogan Page, London, UK
- 7.Gratton, L. (1994). Implementing Strategic Intent: Human Resource Processes as a Force for Change, Business Strategy Review. 5(1):47-66.
- 8.Heneman, H. G. and Judge, T. A. (2003). Staffing Organizations, McGraw-Hill, London, UK.
9. Sharma, I. J. 1984. The Culture Context of Indian Managers, Management and Labour Studies, 9:72- 80
10. Singh, K. (2003). Strategic HR Orientation and Firm Performance in India, International Journal of Human Resource Management, 14(4): 530-4
11. Gross. I. H.,Crandall,E.W.andKnoll,M.M.(1980).Management for ModernFamilies. New Jersey: Prentice Hall Inc
12. Bhargava, B. (2005). Family Resource Management and Interior Decoration, Jaipur: Apple Printer and V. R. Printers
13. Varghese, M. A., Ogale. N. and Srinivasan K. (1985). Home Management. New Delhi: New Age International (P) Limited, Publishers (ISBN 13: 9780852269046

B.Sc. Semester–VI

Discipline Specific Course (DSC)

Course Title: Resource Management and Extension Education (Practical)

Course Code: C6HSC2P2

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
DSC-12B	Practical	02	04	56hrs.	3hrs.	10	40	50

Course Outcomes (COs): At the end of the course, students will be able to:

- CO 1: Acquire an understanding of money management and real-world challenges
 CO 2: Understand Consumer rights and responsibilities.
 CO 3: Understand the concept and principles of Extension Education
 CO 4: Familiarize with the teaching learning process

List of the Expedients, each will have 4rs / Week

Expt. No,	Title: Resource Management and Extension Education (Practical)	56.hrs
1	Decision Making – Identify a problem and solve it using steps in decision making	6Hrs
2	Plan a time and activity chart for College going Girl/Boy, Working Men or Women/ Home Makers/Retired Persons for 3 days – Evaluate and make suggestions for improvement	6 Hrs
3	Analysis of household task by process and pathway chart.	4 Hrs
4	Budget plans for low-, middle- and high-income families.	6 Hrs
5	Energy Management- Application of Energy and fuel Saving Devices	6 Hrs
6	Planning an Event - management and evaluation, with reference to Managerial process	4 Hrs
7	Visit to District Consumer Forum and write a Report	6 Hrs
8	Prepare visual aid used in the extension program any one Home Science concepts- Different Charts/Poster/booklet/Leaflet.	6 Hrs
9	Prepare audio visual aid used in the extension program any one Home Science concepts	6 Hrs
10	Visit to Women and child welfare office to know about welfare programmes and write a report.	6 Hrs

Instructions if any:

- Should tie Hair Properly
- Lab Coat Compulsory.

3. Bring Your own Lab Study Materials.
4. Maintain Cleanliness and Hygiene in the Laboratory.
5. Should involve in Community Programme

Books recommended:

1. Rodgers, Alan: Teaching methods in Extension Education for development, Westwood Row, Woodmans, 1989
2. Armstrong, M. (2003). A Handbook of Human Resource Management Practice. Kogan Page, London, UK
3. Gratton, L. (1994). Implementing Strategic Intent: Human Resource Processes as a Force for Change, Business Strategy Review. 5(1):47-66.
4. Heneman, H. G. and Judge, T. A. (2003). Staffing Organizations, McGraw-Hill, London, UK.
5. Sharma, I. J. 1984. The Culture Context of Indian Managers, Management and Labour Studies, 9:72- 80
6. Singh, K. (2003). Strategic HR Orientation and Firm Performance in India, International Journal of Human Resource Management, 14(4): 530-4
7. Gross. I. H., Crandall, E.W. and Knoll, M. M.(1980). *Management for Modern Families*. New Jersey: Prentice Hall Inc

B.Sc. Semester– V
Elective Course(EC)-
It is for other combination students

Course Title:-Hospitality Management

Course Code:C5HSC5T1

Type of Course	Theory /Practical	Credits	Instruction hours per week	Total No. of Lectures/Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
EC-1	Theory	03	04	45hrs.	3hrs.	20	80	100

Course Outcomes (COs): At the end of the course students will be able to:

- CO1: Know the organizational structure of a housekeeping department.
CO2: Improve skills in organization of work and prepare for housekeeping jobs.
CO3: Ability to develop understanding and analysing skills
CO4: Develops interpersonal communication
CO5: Understand the historical background of travel and tourism through the years
CO6: Evaluate the socio economic, cultural, and environmental impact of tourism industry.

Unit	Title: Hospitality Management	45 hrs
Unit I	Basic concepts Hospitality Management Definitions of Management, History of Management Thought, Different approaches to management Function of Management. Sectors in Hospitality Management. Introduction to Housekeeping Department- Objectives, Organizational Structure of Housekeeping department (small, medium, large), Duties of Housekeeping personnel, Housekeeping as a Profession. Functions of Housekeeping department- Desk control, records and registers, key types and control of keys, service pantry-location and essential features, lost and found, fire, emergency and first aid.	15 hrs
Unit II	Front and Back-office Management Introduction to front office, layout of front office and different front office equipment, importance of front office in hospitality industry, duties and responsibility, ideal qualities of a front office staff and job description of a front office assistance. Dining area Management- Table Setting and Napkin Folding General maintenance- Cleanliness of all the rooms, furniture, furnishings and accessories. Bed and bedding size, care and cleaning of beds, bed linen, blankets, bedspreads and mattress, and pillow cover	15 hrs

Unit III	Introduction to Tourism Definition and Concept, significance of Tourism Types- Business Tourism, Mass Tourism, Adventure Tourism, Sports Tourism, Rural Tourism. Tourism Impacts- Political, Social, Cultural, Environmental and Economic. Difference between visitors, tourists and excursionists. Tourism as an industry. Employment and self-employment opportunities in Tourism (Facilitation Centre)	15 hrs
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Recommended books:

1. Branson, J.C. & Lennox, M. (1992), Hotel, Hostel and Hospital Housekeeping, Arnold Heinemann, U.S.A.
2. Lillicrap, D. and Cousins, J.A. (1994), Food and Beverage Service, London
3. Faulkner, R. and Faulkner, S. (1997), Inside Today's Home, Rinehart Publishing company, New York.
4. Binnie, R. and Boxal, D.J. (1972), Housecraft Principles and Practice, Pitman Publishing, London.
5. Andrews, S. (1985), Hotel Housekeeping- Training Manual, Tata McGraw Hill Publishing company Ltd, New Delhi.
6. Misra, S.N. and Sadual, S.K. (2008), "Basics of Tourism Management".
7. Barkat, A.M.A. (2015), "Travel and Tourism Management".
8. Swain, S.K. and Mishra, J.M. (2011), "Tourism: Principles and Practices"
9. RPHE Editorial Board, (2019), "NTA-UGC NET: Tourism – Administration and
10. L.M. Prasad, Principles and Practices of Management
11. Tripathi and Reddy, Principles and Practices of Management
12. Dr. P.C. Shejwalkar, Principles and Practices of Management
13. Harold Koontz, Essentials of Management
14. Premvir Kapoor, Principles of Management, Khanna Publishing House

B.Sc. Semester– VI

Elective Course(EC)

Course Title: Fashion Designing and Interior Decoration

Course Code: C6HSC5T1

Type of Course	Theory / Practical	Credits	Instruction hours per week	Total No. of Lectures / Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
EC-2	Theory	03	04	45hrs.	3hrs.	20	80	100

Course Outcomes (COs): At the end of the course students will be able to:

CO1: To obtain basic knowledge on Fashion, Fashion terminology and Interior decoration

CO2: The objective of this course is to help the students to acquire conceptual knowledge of elements and principles of design.

CO3: To enable students to gain knowledge of design, textile design and fashion.

CO4: Understanding the role of colour in everything that surrounds us and learning how to appreciate and explore the same

CO5: To understand the Interior design concept and process. CO6: To obtain knowledge on fashion designers

Unit	Title: Fashion Designing	45 hrs
Unit I	Introduction to textiles & Fashion Introduction to textile, Textile terminology, textile fibers and their classification, Fashion – Definition, Classification, terminologies, Factors affecting fashion, Fashion psychology and forecasting. Fashion Illustrations - Definition, terminology, importance and theories, tools for fashion drawing, sketching principles, Basic human proportion of male and female. Fashion Designer – meaning, classification, Male and Female Designers of National repute Reference Traditional textiles and embroideries of India. Textiles: Dacca Muslin, Patola, Paithani, Ilkal, Chanderi and Brocades. Embroideries: Karnataka – Kasuti, Punjab – Phulkari, Uttara Pradesh – Chikankari, Kashmir – Kashida, West Bengal – Kanta, Gujarat – Kutch & Kathiawar, Himachal Pradesh – Chamba Rumal	15 hrs
Unit II	Elements of Arts & Principles of Design Definition, Types, and its application in dress design and Interior design. Types of design- Structural and Decorative, Naturalistic, Stylized, Geometric, Abstract. Elements of Art- Line, form, color, space, texture, Pattern, light. Principles of design- Harmony, Proportion, Balance, Rhythm, Emphasis	15 hrs

Unit III	Dimension of colour in Fashion & Interior design. Dimension of color-Hue, Value, Intensity, Advancing and receding colors, cool and warm colors. Characteristics of colors. Prang color system-Primary, secondary, and Tertiary colors, color wheel. Color Harmonies- Related and Non-Related Color Harmonies. Accessories in Fashion & Interior design—classification and types Flower decoration - Materials required, styles and shapes.	15 hrs
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Recommended books:

1. Derrick, L. (2018) Fashion Sketchbook: Fashion Sketchbook with figure templates (Fashion Croquis), Create Space Independent Publishing Platform
2. Elaine, S. (2013) The Dynamics of Fashion. 4th Ed. New York: Bloomsbury publication.
3. Julia Y., & Donna G., (2011), the Fashion Careers Guidebook: A Guide to Every Career in the Fashion Industry and How to Get It, Barron's Educational Series.
4. Linda, T., (2010), Portfolio Presentation for Fashion Designers, 3rd Edition, Fairchild books, New York.
5. Patrick, J. I. (2009) New Encyclopedia of Fashion Details: Over 1000 Fashion Details, London: B.T. Batsford.
6. Patrick, J. I. (1996) Fashion Design Illustration-men, London: B.T. Batsford.
7. Patrick, J. I. (2005) Fashion Design Illustration-men, London: B.T. Batsford
8. Patrick, J. I. (2003) Introduction to Fashion Design, London: B.T. Batsford
9. Sharon L. T. and Glazer, S.S. (2017), Illustrating Fashion, 4th Ed. New York: Fairchild Books. The Snap Fashion Sketch Book, Prentice Hall, New Jersey.
10. Stipelman, S. (2017) Illustrating Fashion, 4th Ed. New York: Fairchild Books.
11. Tate, S.L. & Glazer, B. (2007) The Snap Fashion Sketchbook, New Jersey: Prentice Hall.
12. Byer G.H. "Housing A Factual Analysis" Mc. Milian Co. New Delhi.
13. Deshpande R.S. "Modern Ideal Homes for Indian" UBC, New Delhi.
Dorothy Sara "The collier quick and easy guide to etiquette"
14. Gross I.H. & Grandal H.E.W. "Management for Modern Families" Storling Publisher Pvt. Ltd Delhi.
15. Premlatha Mullick (2015) Textbook of Home Science-Kalyani Publishers, New Delhi.
16. Raja Rao and Subramanya (2003) Planning and Designing Residential Buildings -Standard Publishers and Distributors, New Delhi.
17. Interior decoration magazine.
18. Inside outside magazines.
19. Saxena, S. (2003), A first Course in Computers, Vikas Publishing house, New Delhi.

B.Sc. Semester–IV/ V/VI

Skill Enhancement Course(SEC)

Student shall study SEC in any one of the Semesters either in IV or V or VI semester

College shall decide to allot the students

Course Title:Self-EmploymentSkillsinHome Science(Practical)

Course Code:COHSC6P1

Type of Course	Theory /Practical	Credits	Instruction hours per week	Total No. of Lectures/Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
SEC	Practical	02	04	56hrs.	3hrs.	10	40	50

Course Outcomes (COs): At the end of the course, students will be able to:

CO1: Know the importance of food processing and preservation

CO2: Understand the enhancement of clothing for its better look as well as marketing

CO3: Acquire skills related to early childhood study center

CO4: Explore the principles of event management

CO5: Skills to promote products and learn marketing skills

List of the Expedients, each will have 4rs / Week (Minimum 12 experiments)

1. Planning and Organizational Setup for an ECCE center.
2. Planning Age/Developmentally appropriate activities for young children in ECCE
3. Planning and Stitching Children's layette-Nappy/Bib/Jabla etc
4. Value addition to clothing-Printing, Painting
5. Value addition to clothing-Patch work, Binding, Embroidery etc
6. Communication Skills in Front Office Management
7. Visit and writing report-Front Office Hotel/Hospital
8. Food processing-Preparation of Chatney powders(5 types) and Masala powders(5 types)
9. Enhancing food value- Baking, Preservation and presentation
10. Fruits and Vegetables Carving
11. Preparing project proposal for small scale industry/clothing construction unit
12. Organizing an event/workshop/seminar
13. Visit and writing report-textile's unit.
14. Visit and writing report-ECCE Unit
15. Prepare accessories using Waste Material

16. IndorePlants/NutritionGarden
17. ArtofEtiquette
18. TableSettingandNapkinFolding

Instructions if any:

1. Students should complete any 12 Practical's
2. StudyVisit is Compulsory
3. Should tie Hair Properly
4. Lab Coat Compulsory.
5. Bring Your own Lab Study Materials.
6. Maintain Cleanliness and Hygiene in the Laboratory.
7. Should involve in Community Programme
8. Participate in Study Visits

Books recommended:

1. SrilakshmiB,(2002),NutritionScience.NewAgeInternationalpublishers.NewDelhi
2. Swaminathan M. (2002), Advanced text book on food and Nutrition. Volume I.Bappco.
3. GrossI.H.&GrandalhE.W."ManagementforModernFamilies"StorlingPublisherPvt.LtdDelhi.
4. PremlathaMullick(2015)TextbookOfHomeScience-KalyaniPublishers,NewDelhi.
5. RajaRaoandSubramanya(2003)PlanningandDesigningResidentialBuildings–StandardPublishers andDistributors,NewDelhi.
6. Clarke,P.(2001).Teaching&learning:thecultureofpedagogy.NewYork:Sage
7. National association for the education of young children, July 1998. Learning to readandWrite:developmentallyappropriatepracticesforyoungchildren.53(4),30-46.
8. NCERT(2007).Handbookofartsineducation
9. Neuman, S., Dwyer, J. &Koh, S. (2007). Child/Home early language and literacyobservation.Baltimore:BrookesPublishing House
10. HollenandSaddlerJ(1995):TextileslatestEdn.,MacMillanandCo.,NewYork.
11. MullickP.,(2012),“TextBookofHomeScience”KalyaniPublishers.NewDelhi.
12. PotterandCobman“FibertoFabric”.
13. DoraltyK.Burhhan“ATextileTerminology”
14. HoleenandSddlev –“Textiles”
15. HertK.P.”Textilesfibersandtheiruse”,IBHPublishingco.
16. Durga.Denikar“HouseholdTextilesandlaundry”AbnaramLSonsDelhi.
17. ByerG.H."HousingAFactualAnalysis"Mc.MilianCo.NewDelhi.
18. DeshpandeR.S. " ModernIdealHomes forIndian "UBC, NewDelhi.Dorothy sara"Thecollierquickandeasyguidetoetiquate"

BSc Home Science
03-YearUGprogramme:2024-25

GENERAL PATTERN OF PRACTICAL QUESTION PAPER FOR DSC/ SEC

General instructions:

Scheme of Practical Examination (distribution of marks): 40 marks for
Semester endexamination

Q1. Preparation/Resource Album/Poster/ Scrape Book/
Booklet/Leaflet/ Chats-10 Marks

Q2. Planning and Presentation-10 Marks

Q3. Identification and Write about it -05

Q4. Visit Reports-5 Marks

Q5. Journal/Record – 5 Marks

Q6. Viva-Voce -5 Marks

Note: 10 Marks for IA (FormativeAssessment)examination

FormativeAssessmentforPractical	
AssessmentOccasion/type	Marks
InternalAssessment	05
Project	05
Total	10Marks
<i>FormativeAssessmentasperguidelines.</i>	

B.Sc. programme: 2024-25

GENERAL PATTERN OF **THEORY** QUESTION COURSE FOR DSC/ EC
(80 marks for semester end Examination with 3 hrs duration)

Part-A

1. Question number 1-10 carries 2 marks each. : 20 marks

Part-B

2. Question number 11- 18 carries 05Marks each. Answer any 06 questions : 30 marks

Part-C

3. Question number 19-22 carries 10 Marks each. Answer any 03 questions : 30 marks
(Minimum 1 question from each unit and 10 marks question may have
sub questions for 7+3 or 6+4 or 5+5 if necessary)

Total: 80 Marks

**Note: Proportionate weight age shall be given to each unit based on number of hours
Prescribed**