

SARDAR PATEL UNIVERSITY, VALLABH VIDYANAGAR

B.Sc. Home Science

(Under Choice Based Credit Scheme)

Semester - SIXTH (GENERAL) YEAR 2023-2024

Sr. No.	Course Type	Course Code (10)	Name of Course	Theory (T) Practica	Credit	Contact hrs/ week	Exam Duration in hrs	Marks		
								Internal	External	Total
1	Ability Enhancement Courses	UH06AH	Interpersonal Communication in Workplace	T	2	2	3	15/5	35/14	50/20
2	Core Courses	UH06C GEN51	Diet Therapy	T	2	2	2	15/5	35/14	50/20
3		UH06C GEN52	Diet Therapy	P	2	4	3	15/5	35/14	50/20
4		UH06C GEN53	Women, Society and Development	T	4	4	3	30/10	70/28	100/40
5		UH06C GEN54	Dyeing, F	T	4	4	3	30/10	70/28	100/40
6		UH06C GEN55	Dyeing, F	P	2	4	3	15/5	35/14	50/20
7		UH06C GEN56	Advertising and Marketing	T	2	2	2	15/5	35/14	50/20
8		Skill Enhancement Courses	UH06SG	Intership /Tranning/Project work	P	4	8	-	200/66	
9	Elective Courses (Any One)	UH06EH	Human R	T	2	2	2	15/5	35/14	50/20
10		UH06EH	Life Skill	T	2	2	2	15/5	35/14	50/20
11		UH06EH	Garments-Export and Import	T	2	2	2	15/5	35/14	50/20
12		UH06EH	Hygiene a	T	2	2	2	15/5	35/14	50/20
Total					24	32		350	350	700



Bachelor of Science-Home Science
(B.Sc.-H. Sc.) (Home Science) Semester (VI)

Course Code	UH06AHSC51	Title of the Course	Interpersonal Communication in Workplace
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. Prepare the students for work place2. Inculcate in them important aspects of leadership3. Help them understand the intricacies of team work at work place.
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Course Content		
Unit	Description	Weightage* (%)
1.	Need for interpersonal skill development (a) Understanding the universal need for developing interpersonal skills (b) How to develop interpersonal skills in a workplace (c) Informal learning	25
2.	Understanding the difference between individuals (a) What is personality (b) The main personality traits and factors (c) Effect of personality traits o job performance (d) How to deal with different personality types (e) Value differences and how to deal with them (f) Different kinds of intelligences (g) Work ethics	25
3.	Interpersonal communication (a) How does communication happen (b) Relationship building (c) Non- verbal communication (d) Overcoming communication barriers (e) Steps to effective communication (f) Diversity in Understanding Cultural differences	25
4.	Team Building (a) Why team work is important (b) Types of teams (c) The advantage and disadvantage of teamwork (d) Role distribution (e) Guidelines for team level communication	25





Teaching-Learning Methodology	Class Discussions/ Demonstrations, Power point presentations, Class activities/ assignments, group discussions, Field visits, chalk and board
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand workplace strategies
2.	Comprehend the importance of interpersonal skills
3.	Perform better in their workplace

Suggested References:	
Sr. No.	References
1.	Cole, M. & Cole, S. (1993). <i>The development of children</i> . New York: Scientific American Books.
2.	Kumar, A. (2000). <i>Child Psychology</i> . New Delhi: Anmol Pub. Pvt Ltd.
3.	Saraswati, T. S. & Kaur B. (1993) <i>Human Development & Family Studies in India: An agenda for research and policy</i> (PP67-76) New Delhi: Sage Publication.





Bachelor of Science -Home Science
(B.Sc. – H. Sc.) (General) Semester (V)

Course Code	UH06CGEN51	Title of the Course	Diet Therapy
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. To orient students with role of dietitian in maintaining good nutritional status and correct deficiencies or in disease condition.2. Gain knowledge of principles of diet therapy and designing and formulating different therapeutic diets for various disease condition.
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Course Content		
Unit	Description	Weightage* (%)
1.	Principles of Nutrition Care (a) Nutrition Care Process (b) Therapeutic adaptations of a Normal Diet (c) Progressive Diets: Clear fluid, Full fluid, soft and regular (d) Types of dietitian and their role in Hospital and community	20
2.	Etiology, Clinical features and nutritional management of Infection and Fevers (a) Typhoid (b) Tuberculosis	20
3.	Etiology, clinical features and nutritional management of the following (a) Weight imbalances – Overweight and obesity, underweight (b) Eating disorders – Anorexia nervosa, Bulimia nervosa, EDNOS	20
4.	Etiology, clinical features and nutritional management of GIT disorders (a) Diarrhoea (b) Constipation (c) Lactose Intolerance	20
5.	Overview of Diets in Viral Hepatitis, Kidney Stones, Hypertension and Diabetes.	20

Teaching-	Classroom teaching for theory periods
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Learning Methodology	Lectures and Power-point presentations will be the main method of transaction Special lectures/ visits/ interactions with professionals will be undertaken Classroom quiz sessions for revision Extension activities will be encouraged for application oriented learning Any other method may be added, as per university norms and discretion of the teaching faculty
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Integrate knowledge of research principles and methods associated with nutrition and dietetics practices
2.	To understand etiology, pathophysiology and metabolic changes occurring in organs during disease condition
3.	Use effective and appropriate communication skills in providing information, advice and opinion to individuals, groups, and communities.

Suggested References:	
Sr. No.	References
1.	Mahan, L. K., Escott-Stump, S., Raymond, J. L., & Krause, M. V. (2012). <i>Krause's food & nutrition therapy</i> . US: Elsevier/Saunders.
2.	Dietary guidelines by India: ICMR
3.	Bagchi, D., & Nair, S. (Eds.). (2018). <i>Nutritional and therapeutic interventions for diabetes and metabolic syndrome</i> . Cambridge: Academic Press.





4.	Antia, F. P. (1973). <i>Clinical dietetics and nutrition</i> . London: Oxford University Press, Ely House, 37 Dover Street.
5.	Joshi, S. A. (1995). <i>Nutrition and dietetics</i> . Ahmedabad: McGraw-Hill Education.
6.	Manual (2018). <i>Clinical Dietetics</i> , Ahmedabad: JB International
7.	Bajaj .M. <i>Diet Metrics</i> (2019)
8.	Yadav.A, Arora.M, Swayam.S. (2019) : <i>Practical Manual of Nutrition and Dietetics</i> New Delhi: Kalpaz Publications

On-line resources to be used if available as reference material
On-line Resources
http://www.nutrition.gov .
https://www.unicef.org/india/
https://www.nin.res.in/
Epgp.inflibnet.ac.in/Home





Bachelor of Science -Home Science
(B.Sc. – H. Sc.) (General) Semester (V)

Course Code	UH06CGEN52	Title of the Course	Practical-Diet Therapy
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	1. To enable students to plan meals according to disease. 2. To able to calculate according to ICMR guidelines.
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Course Content		
Unit	Planning ,calculating nutrients of the following diet according to the specification given using exchanges and ICMR guidelines:	Weightage* (%)
1.	Modification in normal diet (a) Clear fluid (b) Full fluid (c) Soft diet	20
2.	Planning Diets in weight management (a) Over weight (b) Underweight	20
3.	Planning Diets in fevers and infections (a) Acute Fever- Typhoid, (b) Chronic Fever- Tuberculosis	20
4.	Planning Diets in GIT Disorder (a) Diarrhoea (b) Constipation (c) Lactose Intolerance	20
5.	Planning Diets in (a) Viral Hepatitis. (b) Kidney Stones. (c) Hypertension. (d) Diabetes.	20

Teaching-Learning Methodology	For practical, laboratory work for planning of diets with case study. Extension activities will be encouraged for application oriented learning. Any other method may be added, as per university norms and discretion of the teaching faculty.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	This course will enable students to integrate knowledge of principles of diet therapy and research learn about different diets other than routine diets.
2.	It will help them to plan and calculate diets according to the disease condition
3.	This course will help them take an entrepreneurial approach to advocate for a healthy society.

On-line resources to be used if available as reference material
On-line Resources:
Epgp.inflibnet.ac.in/Home





Bachelor of Science - Home Science
(B.Sc. - H. Sc.) (General) Semester (VI)

Course Code	UH06CGEN53	Title of the Course	Women, Society and Development
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To develop an awareness regarding women, society and development.2. To get acquainted with major development programme.3. To enable students to understand the role of women as partners in development.4. To get sensitized to gender disparities imbalance related to development issues.
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Course Content		
Unit	Description	Weightage* (%)
1.	Conceptual analysis (a) Women and Development (b) Gender approach to Women and Development (c) Changing status and role of women in the family and society, factors influencing such changes.	25
2.	Women and society (a) Reproductive Health, related concepts and Issues (b) Widows, divorced, deserted women. (c) Women with young dependent children. (d) Sexual harassment of women. (e) Unwed mothers. (f) Mass media and women.	30
3.	Major Welfare programme and services for women (a) State and local agencies/ organization working for welfare of women. (b) T.K. Foundation, Milk cooperatives, Mahila Mandals, Gruh Udyog, women cooperatives, guidance cell, Mahila Ayog.	25
4.	Women Empowerment (a) Legal provision for women's rights (b) Role of National Commission for Women (c) Barriers to women's access to inputs and services related to legal rights, employment, equal pay and decision making.	20





Teaching-Learning Methodology	Lecture method, Group discussions Method, Power Point Presentation , Audio Visual methods, Games Seminar, Assignment, Quiz
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Know the contribution of women in society and development.
2.	Learn about the major developmental programmes.
3.	Overcome the problems of gender discrimination.

Suggested References:	
Sr. No.	References
1.	Arnot, M. (2002). <i>Reproducing gender: Critical essays on educational theory and feminist politics</i> . Routledge.
2.	Bhasin, K. (1993). <i>What is patriarchy? Kali for Women</i> . New Delhi.
3.	Bhasin, K. (2003). <i>Exploring masculinity</i> . New Delhi: Women Unlimited.
4.	Bhasin, K. (2000). <i>Understanding gender</i> . New Delhi: Kaali for Women.
5.	Chakravarti, U. (2018). <i>Gendering caste: Through a feminist lens</i> . Sage Publications Pvt. Limited.
6.	Chatterjee, P., & Jeganathan, P. (Eds.). (2000). <i>Community, gender and violence</i> (Vol. 11). Columbia University Press.
7.	Das, B. (2009). <i>Gender issues in development</i> . Jaipur: Rawat Publications.





8.	Goel, A. (2006). <i>Violence Against Women: Issues and Perspectives</i> . Deep and Deep Publications.
9.	Dasgupta, S., Sinha, D., & Chakravarti, S. (2011). <i>Media, gender, and popular culture in India: Tracking change and continuity</i> . SAGE Publishing India.
10.	Kannabiran, K. (Ed.). (2013). <i>Women and law: Critical feminist perspectives</i> . New Delhi: Sage Publications.
11.	Kumar, S. (2019). <i>LGBT community in India: A study</i> . Educreation Publishing.

On-line resources to be used if available as reference material

On-line Resources

Websites of Government of India and National Commission for Women for Laws and Constitutional provisions accorded to women

<http://ncw.nic.in/important-links/List-of-Laws-Related-to-Women>

https://www.india.gov.in/sites/upload_files/ncpi/files/coi_part_full.pdf

Websites of United Nations and UNDP, OHCHR to get the details of UDHR, UN CEDAW, UNCRC, MDGs and SDGs.





Bachelor of Science - Home Science
(B.Sc. - H.Sc.) (Textiles and Clothing) Semester (VI)

Course Code	UH06CGEN54	Title of the Course	Dyeing, Printing and Finishing of Textiles
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. Introduce basics of dyeing, printing and finishing2. Inculcate the knowledge of auxiliaries and chemicals used for dyeing and printing3. Enhance the understanding of the relation between the dyes, pigments and fabrics.4. Acquaint students with the importance of finishing of textiles5. Develop the skills in doing dyeing and printing of textiles
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Course Content		
Unit	Description	Weightage* (%)
1.	Introduction (a) History of dyeing and printing (b) Terms related to colour Dye, pigment, light, hue, value, intensity (c) Colour wheel and schemes (d) Digital colour models: CMYK. RGB (e) Colour matching system (f) Directional and non-directional printing (g) Motifs types: Geometric, floral and novelty	10
2.	Basics of Dyeing and Printing (a) Classification of dyes (b) Classification of Printing (c) Difference between dyes and pigments (d) Pre-preparation of fabrics before dyeing and printing- Desizing, scouring, bleaching, mercerization, carbonization (e) Heat setting: processing method	20
3.	Dyeing (a) Classification of dyes (b) Auxiliaries and machineries used for dyeing (Dyestuff, Wetting agent, Solvents, Solution aids & dispersing agents, Thickeners, Defoaming agents, Oxidizing & reducing agents, Catalyst & oxygen Carriers, Acids & alkalis, Carriers & swelling agents, Miscellaneous) (c) Methods for dyeing (d) Factors affecting dyeing	20





	<ul style="list-style-type: none"> (e) Dyeing of cotton, wool and silk (f) Dyeing of viscose and polyester (g) Natural dyeing methods and limitations (h) After treatments 	
4.	Printing <ul style="list-style-type: none"> (a) Preparation of print paste and printing table (b) Pigments and dyes used (c) Direct style of printing (d) Resist style of printing (e) Discharge style of printing (f) Novel techniques of printing- Spray printing, Flock printing, Transfer printing, Photographic printing, Digital printing (g) Fixation and after treatment processes 	20
5.	Finishes <ul style="list-style-type: none"> (a) Classification : Physical, Chemical and Functional (b) Objectives of textile finishing (c) Factors affecting the finishing of textiles: fibre, weave, physical properties, end use, susceptibility to chemical modification (d) Finishes for achieving different texture (e) Finishes for enhancing specific characteristics (f) General / routine finishes – Calendaring, Bleaching & Scouring, Sanforizing, Mercerizing, degumming (g) Special/ functional finishes- Crease resistance, permanent & durable press (h) Fire retardant, moth proof, soil & stain resistance, water proof. 	30

Teaching-Learning Methodology	Lectures along with power point presentation/ videos on industrial methods/hands on experience for dyeing and printing on textiles/visit to Dyeing and Printing unit
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to





1.	Describe the basics of dyeing, printing and finishing. (a) Examine the knowledge of auxiliaries and chemicals used for dyeing and printing (b) Explain the relation between the dyes, pigments and fabrics. (c) Recommend the finishing for textiles (d) Dye and print textiles. (e) Reproduce the required shade from batch to batch
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Suggested References:

Sr. No.	References
1	Corbman,B.P.(1983). <i>Textile Fibres to Fabrics</i> . New York: Mc.Grow Hill International Editions.
2	Murphy V & Gill (2000). <i>Tie- Dyed textiles of India, Traditions & Trade</i> . Chandigarh: Abhishek Publications.
3	Panda M. (1999). <i>Modern Technology of Textiles Dyes & Pigments</i> . New Delhi: NIIIR.
4	Srivastava S.B. (1983). <i>Recent processes of Textiles Dyeing Bleaching & Finishing</i> . New Delhi: Small Business Publications.
5	Tortman E. (1975). <i>Dyeing Chemical Technology of Textiles</i> . London: Charles Griffin.
6	Korth, H. (1977). <i>Textiles</i> . London: Work Ltd.
7.	Leisure C. (1969). <i>Batik Leisure Crafts</i> . London.
8.	Murphy W.S.(2000). <i>Textiles Finishing</i> . Chandigarh: Abhishek Publication.
9.	Mishra,S.P. (2000). <i>A Text book of fiber Science & Technology</i> . New Delhi: New age International Publication.
10	Nalankilli & Taya P. (1997). <i>Textile Finishing</i> . Tamilnadu: SSM Institute.
11.	Nakamar, A. (1996). <i>Fiber Science And Technology</i> . Bombay: Oxford & IBH Publications.





Bachelor of Science - Home Science
(B.Sc. - H.Sc.) (Textiles and Clothing) Semester (VI)

Course Code	UH06CGEN55	Title of the Course	Practical - Dyeing, Printing and Finishing of Textiles
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. Introduce basic methods of dyeing, printing and finishing2. Inculcate the knowledge of auxiliaries and chemicals used for dyeing and printing3. Acquaint students with the importance of preparatory and finishing of textiles.4. Develop the skills in doing dyeing and printing of textiles
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Course Content		
Unit	Description	Weightage* (%)
1.	Preparation of fabric for dyeing and printing (a) Scouring, desizing, bleaching	-
2.	Dyeing: (a) Dyeing of yarn and fabric with different classes of dyes by varying the temperatures, %shade and M: L ratio. (b) Dyeing of cotton yarn and fabric with direct dyes, vat and reactive dyes. (c) Dyeing of silk, wool and nylon yarn and fabrics with basic and acid dyes. (d) Dyeing of polyester yarn and fabric with disperse dyes.	20
3.	Designing 05 motifs for each printing methods as (a) Block printing (b) Stencil printing (c) Batik printing (d) Screen printing (e) Tie & Dye	10
4.	Developing/ Making of (a) Block (b) Screen (c) Stencil For printing	20
5.	Printing of fabrics using: (a) Direct style - block, stencil and screen (b) Resist style - Tie &Dye, Batik	20





6.	Application of starch by varying concentration and material (a) Natural starch (b) Synthetic starch	10
7.	Printing on garments/ home textile by different styles (a) Product development	20

Teaching-Learning Methodology	Lectures along with power point presentation/ videos on industrial methods/hands on experience for dyeing and printing on textiles/visit to Dyeing and Printing unit
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Describe the basics of dyeing, printing and finishing. (a) Examine the knowledge of auxiliaries and chemicals used for dyeing and printing (b) Explain the relation between the dyes, pigments and fabrics. (c) Recommend the finishing for textiles (d) Dye and print textiles. (e) Reproduce the required shade from batch to batch

Suggested References:	
Sr. No.	References
1	Chavan, R.B. (1979). <i>Textile Printing (Book of Papers)</i> . New Delhi: Department of Textile Technology, IIT.
2	Giles, G.H. (1974). <i>Laboratory Course in Dyeing Hart & Clough</i> . England: Bradford.





SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25))
Syllabus with effect from the Academic Year 2023-2024

3	Kale, D.G. (1976) <i>Principles of Cotton Printing</i> . Ahmedabad: Maharaja Brothers.
4	Saraiya, N.S. & Gupta, P.C. <i>Technology and Management of Printing</i> .
5	Shenai, V.A. (1979). <i>Chemistry of Dyes and Principles of Dyeing</i> . Mumbai: Sevak Publications.
6	Trotman E.R. (1975). <i>Dyeing and Chemical Technology of Textile Fibre</i> . London: Charles Griffin & Co. Ltd.
7	Wynne Andrea (1997). <i>Textiles: The Motivate Series</i> . London: Mcmillain Education Ltd.
8	Vilensky L.D. & Gohil E.P. G. (1987). <i>Textile Science, An explanation of fiber properties</i> . Delhi: CBS Publishers & Distribution.





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (General) Semester (VI)

Course Code	UH06CGEN56	Title of the Course	Marketing and Advertising
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. To get acquainted with the basic concepts of Advertising and Marketing.2. To appraise the relation of Advertising and Marketing.3. To recognize different techniques of Marketing.
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Course Content		
Unit	Description	Weightage* (%)
1.	<p>Introduction to Marketing</p> <p>(a) Concept of Marketing: Definition of Marketing and Marketing Management, Concepts of Market, Types of Market, Market Segmentation</p> <p>(b) Organization and Its Functions: Sole Proprietorship and Partnership, Partnership Deed, Registration of Firm</p>	25
2.	<p>The Product and Pricing</p> <p>(a) The Product: Classification of consumer products, the product life cycle, the adoption & diffusion process, new product development.</p> <p>(b) Pricing: Definition and importance of pricing, Pricing objectives, Price determining process, Factors influencing price decisions.</p>	25
3.	<p>Introduction to Advertising</p> <p>(a) Definition and Types</p> <p>(b) Impact of Advertising</p> <p>(c) Ethical and Legal Aspects in Advertising</p> <p>(d) Media for Advertising</p> <p>(e) Role of Advertising in Marketing mix</p>	25
4.	Distribution Channels and Promotion	25





	<p>(a) Distribution Channels: Direct and Indirect, Choice of distribution Channel, Physical Distribution System, Warehousing and Transportation.</p> <p>(b) Promotion: Sales Promotion Techniques, Personal Selling, Kinds of Salesman, Qualities of Successive Salesman</p>	
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Teaching-Learning Methodology	Lecture, Power Point Presentations, Brainstorming, Group Projects, Class Discussion.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Recognize the role of marketing and advertising in the economy.
2.	Comprehend the marketing and advertising skills.
3.	Assess the process of new product development, pricing decisions and distribution.

Suggested References:	
Sr. No.	References
1.	Kotler, Philip (2003). <i>Marketing Management</i> . Delhi: Pearson Education, Pvt. Ltd.
2.	Sharlekar, S. (1995). <i>Marketing Management</i> . Bombay: Himalaya Pub. House.
3.	Schoell, F. (1985). <i>Marketing</i> . London: Allyn and Bacon Inc.
4.	Sarkar, M. (2000). <i>Marketing Management</i> . New Delhi: Crest Pub House.
5.	Rajgopal (2000). <i>Marketing Concepts and Cases</i> . New Delhi: New Age International (P) Ltd.





6.	Bhushan, Y.K. (1978). <i>Fundamentals of Business Organization & Management</i> . New Delhi: Sultan Chand.
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Bachelor of Science - Home Science
(B.Sc. – H.Sc.) (General) Semester (VI)

Course Code	UH06SGEN51	Title of the Course	Practical - Internship/ /Training/Project Work
Total Credits of the Course	04	Hours per Week	08

Course Objectives:	<ol style="list-style-type: none">1. To Provide students with the practical experience of the institutions2. To develop skills to apply their acquired knowledge in to practice
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Course Content		
Unit	Description	Weightage* (%)
1.	The students will be placed in an institution/agency/NGO/industry for a period of 15 days for intensive work experience. (a) Basic knowledge of Agate/foods industry/textiles/cottage industries (b) Articles Prepared from Agate: a) Decorative Articles b) Ornaments c) Gift Articles (c) Articles will be prepared by each student from each category.	50
2.	Report writing at the end of the training period.	25
3.	Presentation and Evaluation	25

Teaching-Learning Methodology	Exercises on innovations and adoption and group discussion
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Practical Examination (As per CBCS R.6.8.3)	15
2.	Internal Continuous Assessment in the form of Practical, Attendance (As per CBCS R.6.8.3)	15
3.	Internal exam on the basis of training, report writing and presentation	70





Course Outcomes: Having completed this course, the learner will be able to	
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1.	Practical knowledge of industrial visit and intensive work experience.
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Bachelor of Science - Home Science
(B.Sc.- H. Sc.) (Home Science) Semester (VI)

Course Code	UH06EHSC51	Title of the Course	Human Resource Management
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. To familiarize students with the concept of human resource management and development.2. To comprehend functions of human resource development.3. To sensitize students towards challenges of human resource managers.4. To acquaint the students with manpower planning and recruitment.5. To familiarise with the Labour welfare laws and procedures.
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Course Content		
Unit	Description	Weightage* (%)
1.	Human Resources Management (a) Concepts: Functions, roles, skills and competencies. (b) Structure of HRD: Structure of the department; The role of human resource manager. (c) Challenges of HR: Globalization, cultural environment, work force diversity, technological changes.	20
2.	Human Resource Planning (a) Manpower planning: Objectives, elements, advantages, Job description and job specification; Job analysis and evaluation (b) Recruitment: Sources, factors affecting, policy and evaluation (c) Selection process (d) Placement and Induction	30
3.	Training and Development (a) Need and areas of training (b) Training Process (c) Performance appraisal and development	30
4.	Laws Governing Staff Planning and Management	20





	(a) Employee laws (b) Trade union contracts and negotiations	
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Teaching-Learning Methodology	PowerPoint presentations, Lectures, Discussions, ICT enabled teaching
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course the learner will be able to	
1.	Understand human resource management, functions and development.
2.	Gain insight into challenges of human resource managers.
3.	Summarize the objectives of Human Resource planning, Recruitment and selection process.
4.	Understand the process involved in placement, training and development activities.
5.	Understand the characteristics of an effective appraisal system and compensation planning.
6.	Understand the issues related to employee welfare, grievances and discipline.

Suggested References:	
Sr. No.	References
1.	Rao, V.S.P. (2010). <i>Human Resource Management</i> . New Delhi: Excel books.





2.	Cynthia, D. Fisher (2010). <i>Human Resource Management</i> . Chennai: 3/e, AIPD.
3.	Snell, Bohlander and Vohra (2012). <i>Human Resource Management</i> . A South Asian Perspective, 16th Rep., Cengage Learning.
4.	Lawrence, S., Kleeman, Biztantra, (2012). <i>Human Resource Management</i> . New Delhi: Dreamtech Press India Pvt. Ltd.
5.	Aswathappa, K. (2011). <i>Human Resource Management</i> . New Delhi: Himalaya Publishing House.

On-line resources to be used if available as reference material

On-line Resources

https://en.wikipedia.org/wiki/Human_resource_management

<http://www.whatishumanresource.com/human-resource-management>





Bachelor of Science - Home Science
(B.Sc.- H. Sc.) (Home Science) Semester (VI)

Course Code	UH06EHSC52	Title of the Course	Life Skills Development
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. Develop insight into life skills and its crucial role in coping with challenges and improving quality of life.2. Comprehend the core life skills and learn strategies to develop these skills in self as well as others through life skills education.3. Learn the components, principles and skills to design and implement effective life skills education programme.
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Course Content		
Unit	Description	Weightage* (%)
1.	<p>Concept and Meaning of Life Skills</p> <p>(a) Definitions and concept of life skills and life skills education</p> <p>(b) Importance of life skills for overall wellbeing and value of life skills education.</p> <p>(c) Core life skills: classification, concepts and strategies to enhance these skills. Understanding what are life skills meaning & usefulness</p> <p>(d) Need for life skills in today's world</p> <p>(e) Preparing and dealing with changes.</p>	25
2.	<p>Driving our own growth.</p> <p>(a) Motivation: meaning need & sources</p> <p>(b) Development positive thinking</p> <p>(c) Benefits of positive thinking</p> <p>(d) Mind power: Meaning, benefits of meditation</p> <p>(e) Incorporating 10 important life skills recommended by WHO (self-awareness, empathy, critical thinking, creative thinking, decision making, problem solving, effective communication, interpersonal skills, coping with stress and coping with emotions) while preparing the Life Skills Education programmes/curriculum/modules while ensuring their age appropriateness and cultural and contextual relevance. Skills for self: critical thinking skills, decision making skills, interpersonal</p>	25





	communication skills, coping with stress and emotions; self-management skills, ability for empathy and compassion.	
3.	<p>Stress management:</p> <p>(a) Understanding stress</p> <p>(b) Techniques to manage stress</p> <p>(c) Understanding relation between life goals, motivation, productivity and stress.</p> <p>(d) Leadership skills: Key characteristics of leader, self-confidence, assertiveness, trustworthiness, morality, emotional, stability, emotional sense of humors, self-awareness, objectivity, developing of teamwork skills, decision making, emotional stability.</p>	25
4.	<p>Importance of Communication in Imparting Life Skills Education</p> <p>(a) Concept and importance of communication ·</p> <p>(b) Effective communication strategies for impactful life skills education programme (effective listening, speaking, building and maintaining relationships, understanding group dynamics and functioning in groups, delegating responsibilities)</p> <p>(c) Communicating with the audience: receiving feedback, handling questions, etc.</p>	25

Teaching-Learning Methodology	Lecture method, Group discussions Method, Power Point Presentation, Audio Visual methods, Games Seminar, Assignment, Quiz
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%





Course Outcomes: Having completed this course, the learner will be able to

1.	Explain importance of life skills education from individual, interpersonal, familial and societal perspectives.
2.	Develop personal & professional growth.
3.	Help in improvement of personality.
4.	Enhance employability.

Suggested References:

Sr. No.	References
1.	Nishitesh, Dr. Bhaskara Reddy (2012). <i>Soft Skills & Life Skills</i> . Hyderabad: B Sc publishers.
2.	Rao, M.S. (2010). <i>Soft Skills, Enhancing Employability</i> . New Delhi: Connecting campus with corporate, IK International Pvt. Ltd.
3.	Schulz, B. (2008). <i>Importance of soft skills</i> . Education beyond Academic Knowledge.





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (Home Science) Semester (VI)

Course Code	UH06EHSC53	Title of the Course	Garments-Export and Import
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. Make students aware of garment import & export marketing techniques.2. Acquire knowledge of textile policies in India.3. Develop insight in quality assurance of apparel & textile products.
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Course Content		
Unit	Description	Weightage* (%)
1.	(a) Introduction to export & import management (b) Management function	20
2.	Finance function (a) Nature & Scope (b) Methods of financing (c) Financial planning	20
3.	Policies in apparel & textile export (a) Government (b) Nongovernment	15
4.	Business System (a) Laundering a proprietorship (b) Joint stock company (c) Cooperatives (d) Partnership	25
5.	Quality Control in apparel & textile units (a) Importance (b) Stages of Quality Control in Industry (c) Role of Information technology	20
Teaching-Learning Methodology	Lectures , demonstrations, videos, role plays, visits	





Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to

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| 1. | Work in the field of export and import of textiles. |
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Suggested References:

Sr. No.	References
1	Kothary, V.K.(1999); <i>Progress in Textiles & Quality Management</i> . New Delhi: Lafi Publicios
2	Grover, E.B. & Hamby D. S. (1988); <i>Hand Book of Textiles Testing and Quality control</i> (2 nd Ed). New Delhi: Wiley Eastman Ltd.
3	Angappan, P. (2002); <i>Textiles Testing</i> . Tamil Nadu: SSMIIT.
4	Basu, A. (2001). <i>Textile Testing Fibre, Yarn & Fabric</i> . Coimbatore: The South India.
5	Booth, J.E (1996). <i>Principles of Textiles Testing</i> . Delhi: CBS Publication,





Bachelor of Science-Home Science
(B.Sc.-H. Sc.) (Home Science) Semester (VI)

Course Code	UH06EHSC54	Title of the Course	Hygiene and Sanitation
Total Credits of the Course	02	Hours per Week	02
Course Objectives:	1. Develop correct habits of personal and environmental hygiene. 2. Students can learn safe handling of food and ensure complete safety of raw and processed foods.		

Course Content		
Unit	Description	Weightage* (%)
1.	(a) Definition of hygiene its application to everyday life. Personal hygiene care of skin, hair, hands feet, teeth, use of cosmetics and jewellery. (b) Safe handling of food – Personal hygiene including uniform, medical check-up, good food handling habits and training, control and eradication of flies, cockroaches, rodents and other pests.	20
2.	Basic Principles of Food Safety: definition, Sources of contamination, Difference between food poisoning and food infection, Safety in food processing- (a) Food procurement (b) Storage (c) Handling (d) Preparation	10
3.	Disinfections – Definition of disinfectant, sanitation, antiseptic and germicides, common disinfectants, use in case of working surfaces. Plant equipments, Dish washing, hand washing etc., and sterilization of plant equipments.	20
4.	Care of premises and equipments–impervious washable floors and walls, table tops, floors etc. Good ventilation and lighting, care of dark corners, crevices and cracks. Garbage disposal – collection storage and proper disposal from the premises including effluents.	25
5.	(a) Storage of food – Technique of correct storage temperature of different commodities to prevent bacterial contamination of milk, butter, cream, cheese, fruit juices. LTHT, HTST method, sterilization of milk, water etc. (b) Legal administration and quality control – Laws relating to Food Hygiene.	25





Teaching-Learning Methodology	Lecture Method, Questions-Answer method, Discussion method, Brain storming method, Observational method, Use of ICT
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Knowledge of personal and industrial hygiene and sanitation.
2.	Information regarding storage and care of food and equipment.
3.	Aware about legal standards related with food hygiene.

Suggested References:	
Sr. No.	References
1.	Hobbs B.C. and Gilbert (1970): <i>Food Poisoning and Food Hygiene</i> , Edward Arnold , London.
2.	Graham-Rack, B., & Binsted, R. (1973). <i>Hygiene in food manufacturing and handling</i> .
3.	Marriott, N. G., & Robertson, G. (1997). <i>Essentials of food sanitation</i> . Berlin: Springer Science & Business Media.
4.	Roday, S. (1998). <i>Food hygiene and sanitation</i> . Ahmedabad: Tata McGraw-Hill Education.

On-line resources to be used if available as reference material
On-line Resources
e-PGPathshala (inlibnet.ac.in)

