



**SARDAR PATEL UNIVERSITY**  
**VallabhVidyanagar, Gujarat**  
**(Reaccredited with 'A' Grade by NAAC)**

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

Course Code	UH02MAGEN01	Title of the Course	Fundamentals of Resource Management
Total Credits of the Course	04	Hours per Week	03
Course Objectives:	<ol style="list-style-type: none"><li>1. To know various concepts of Resource Management.</li><li>2. To comprehend the purpose of managing resources.</li><li>3. To apply knowledge of basic process of management in solving problems.</li><li>4. To develop consciousness regarding money, time and energy in daily living.</li></ol>		

Course Content		
Unit	Description	Weightage* (%)
1.	(A) Meaning and scope of resource management: (a) Definition, purpose and obstacles of management (b) Concepts and characteristics of management (c) Motivation theory- Maslow's hierarchy of needs (d) Motivating factors of resource management: Values, Goals, and Standards	25
2.	(A) Resources: (a) Importance and characteristics (b) Types of human and non-human resources (c) Ways of maximizing the use of resources  (B) Decision Making: Importance, steps involved in decision making and type of decisions, factors affecting decision making	25
3.	Management Process: Definition, steps: Planning, organising, controlling and evaluation	25
4.	Application of Management process to specific resources (a) Money: Meaning of Income and expenditure, sources of income, budget, steps of making budget, factors influencing budget, methods of account keeping. (b) Time Management: Need, tools and application of management steps. (c) Energy Management: Need, fatigue, management applied to energy. (d) Work simplification: Techniques and Mundell's Classes of Change.	25





Teaching-Learning Methodology	Power Point Presentation, assignments, Lecture and discussion, Experiential learning, 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.	Recognize the available resources and make the maximum use of resources to achieve the goals.
2.	Demonstrate the basic process of management.
3.	Critically analyse and apply the managerial skills in any situation.
4.	Manage the money, time and energy effectively and be more productive.

Suggested References:	
Sr. No.	References
1.	Ogle, N., Srinivasan, K., and Varghese, M.A. (2020). <i>Home Management</i> . New Delhi: New age International House.
2.	The Educational Planning Group Delhi. (2015). <i>Home Management</i> . New Delhi: Arya Publishing House.
3.	Shukul, M., and Gandotra, V. (2006). <i>Home Management and Family Finance</i> . New Delhi: Dominant Publishers and Distributors.
4.	Nickell P., & Dorsey, J.M. (2002). <i>Management in Family Living</i> . New Delhi: CBS Publications and Distributors Pvt. Ltd.
5.	Seetharaman, P., Batra S., and Mehra, P. (2005). <i>An Introduction to Family Resource Management</i> . New Delhi: CBS Publishers and distributors.





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6.	ગંડોત્રા, વી., મજમુદાર જે. (2007). ગૃહવ્યવસ્થાપન. અનડાબુકડીપો, અમદાવાદ.
On-line resources to be used if available as reference material	
On-line Resources	
<a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827</a> P-03 Family Resource Management	
<a href="http://ecoursesonline.iasri.res.in/course/view.php?id=218">http://ecoursesonline.iasri.res.in/course/view.php?id=218</a>	
7.	ઠક્કર ,પુજારા જે.(2001). ગૃહવ્યવસ્થાપનનોપરિચય.પ્રવિણપુસ્તકલંડાર, રાજકોટ.
8.	Bhat, A. Arya Kumar (2016). <i>Principles of Management Competencies, processes and Practices.</i>
9.	Anupama Rani. (2010). <i>Home Budget and Time Management.</i> New Delhi: Sonali Publications.

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

Course Code	UH02MAGEN02	Title of the Course	Practical – Fundamentals of Resource Management
Total Credits of the Course	04	Hours per Week	04
Course Objectives:	1. Learning to identify and manage the use of resources available for functional use. 2. To manage limited resources by making intelligent decisions.		

Course Content		
Unit	Description	Weightage* (%)
1.	Classify the resources with examples.	5
2	Identify & list various community resources within your area.	5
3.	Identification of individual and family values	5
4.	List three short term goals	5
5	List three intermediate goals	5
6	List three long-term goals.	5
7	Mention the resources required to achieve those goals.	5
8	Record all the decisions made in last three days and classify.	5
9	Describe the steps in decision making process to make the final choice for the given situation.	5
10	Develop a time plan schedule for the coming week.	5
11	Identify ways to use your leisure time effectively.	5
12	Application of management process to organize an event– planning, organization, evaluation. Identification of aim / objectives of the event	5





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13	Preparing proposal – Time schedule, list of invitees, planning for menu	5
14	Planning of resources	5
15	Planning for invitation and decoration	5
16	Budget planning	5
17	Executing an event	5
18	Event evaluation and reporting	5
19	Work simplification – process chart	5
20	Drafting family budget for different income groups. (a) Low-income group (b) Middle income group (c) High income group	5

Teaching-Learning Methodology	Blackboard, charts, brain storming, games, discussions, actual performance of practical
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / 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.	Appreciate the significance of management process in efficient use of resources.
2.	Demonstrate decision making abilities in given situations.
3.	Manage the money, time and energy effectively and be more productive.





Suggested References:	
Sr. No.	References
1.	Ogle N., Srinivasan K., and Varghese M.A. (1996). <i>Home Management.</i> , New Delhi: New age International House.
2.	The Educational Planning Group Delhi (1993), <i>Home Management.</i> New Delhi: Arya Publishing House.
3.	Shukul, M., and Gandotra, V. (2006). <i>Home Management and Family Finance.</i> New Delhi: Dominant Publishers and Distributors.
4.	ગંડોત્રા, વી., મજમુદાર જે. (2007) , “ ગૃહવ્યવસ્થાપન, અનડા બુક ડીપો, અમદાવાદ.
5.	ઠક્કર, એમ. પુજારા જે. , (2001), “ ગૃહવ્યવસ્થાપનનો પરિચય”, પ્રવિણ પુસ્તક ભંડાર, રાજકોટ.

On-line resources to be used if available as reference material
On-line Resources
<a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827</a> P-03 Family Resource Management
<a href="http://ecoursesonline.iasri.res.in/course/view.php?id=218">http://ecoursesonline.iasri.res.in/course/view.php?id=218</a>

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

Course Code	UH02MIGEN01	Title of the Course	Fundamentals of Human Development
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none"> <li>To develop an understanding about the need and importance of studying human growth and development across life span</li> <li>To learn about the characteristics, needs and developmental tasks of different stages in the human life cycle</li> <li>To develop professional attitude for working with human beings across life span</li> <li>To understand the concept and principles underlying growth and development, interrelatedness of domains of development</li> </ol>
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Course Content		
Unit	Description	Weightage *(%)
1.	(A) History and Evolution of the Field of Human Development <ol style="list-style-type: none"> <li>What is human development</li> <li>Concept, Need &amp; Importance of studying human development</li> <li>Domains of Human Development</li> <li>Historical and future of the field of Human Development</li> <li>Focus and Scope of the field of human development</li> </ol> (B) Orientation to Growth and Development <ol style="list-style-type: none"> <li>Meaning and definition of growth and development</li> <li>Growth and development: concepts and principles</li> <li>Factors affecting growth and development</li> </ol>	50
2.	Stages in the Human Life Cycle: An Overview <ol style="list-style-type: none"> <li>Stages of Human Development</li> <li>Characteristics</li> <li>Needs and Significance</li> <li>Methods of studying Human Development</li> <li>Developmental Milestones</li> <li>Early stimulation and Intervention</li> </ol>	50

Teaching-Learning Methodology	Lecture method ,Active learning methodology , 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)	50%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	
3.	University Examination	50 %

Course Outcomes: Having completed this course, the learner will be able to	
1.	The student will be able to develop an understanding about the discipline of Human Development.
2.	The student will acquire a detailed understanding of developmental milestones of Human development.
3.	The students will understand the characteristics, needs and significance of stages in the human life cycle.
4.	The student will acquire a detailed understanding of the broad perspectives of Human Development

Suggested References:	
Sr. No.	References
1.	Berk, L.E. (2005). <i>Child development</i> (5th ed.). New Delhi: Prentice Hall
2.	Berk, L. (2013). <i>Child development</i> . 9th ed. Boston: Pearson. Chapter 3
3.	Bhangaokar, R., & Kapadia, S. (in press). Human Development Research in India: A historical overview. New Delhi: In G. Misra (Ed.), <i>Hundred years of Psychology in India</i> .
4.	Feldman, R., & Babu, N. (2009). <i>Discovering the life span</i> . New Delhi: Pearson.
5.	Kakar, S. (1978). <i>The Inner World: A Psycho-Analytic Study of Childhood and Society in India</i> .
6.	Kapadia, S. (2011). Psychology and human development in India. Country paper. <i>International Society for the Study of Behavioural Development Bulletin</i> Number 2, Serial No. 60, pp.37-42.







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7.	Keenan, T., Evans, S., & Crowley, K. (2016). An introduction to child development. Sage.
8.	Lightfoot, C., Cole, M., & Cole, S. (2012). The development of children (7thed.). NewYork: Worth Publishers.
9.	Santrock, J. W. (2011). Life-span development. New York: McGraw-Hill. Chapter2, pg 52-78, Chapter 3, pg 79-109.
10.	Santrock, J. W. (2009). A topical approach to life-span development (custom ed.).
11.	Singh, A. (2015). Foundations of Human Development. New Delhi: Tata McGraw-Hill. Chapter 2, pg 25-40, Chapter 3.
12.	Singh, A. (2015). Foundations of Human Development: A life span approach. ND:Orient Black Swan.
13.	Walsh, B. A., DeFlorio, L., Burnham, M. M., & Weiser, D. A. (2017). Introduction to human development and family studies. Psychology Press.

On-line resources to be used if available as reference material
On-line Resources
<a href="https://www.sulross.edu/sites/default/files/sites/default/files/users/docs/education/counselin_g-hgd_7.pdf">https://www.sulross.edu/sites/default/files/sites/default/files/users/docs/education/counselin_g-hgd_7.pdf</a>
<a href="https://us.sagepub.com/sites/default/files/upm-assets/106359_book_item_106359.pdf">https://us.sagepub.com/sites/default/files/upm-assets/106359_book_item_106359.pdf</a>

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Course Code	UH02MIGEN02	Title of the Course	Practical - Fundamentals of Human Development
Total Credits of the Course	02	Hours per Week	4

Course Objectives:	<ol style="list-style-type: none"><li>1. To acquaint the students about growth monitoring &amp; anthropometric measurements of a child.</li><li>2. To introduction and application of the basic tools of research in the field of Human Development to the students.</li></ol>
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Course Content		
Unit	Description	Weightage (%)
1.	Preparation of an album on developmental milestones of children.	10
2.	Growth monitoring, Plotting growth monitoring chart and interpretation.	10
3.	Anthropometric measurements of a child: Ht. Wt., circumferences etc. (by the use of Salter Scale and MUAC strip).	10
4.	Observation of individuals of different stages of life with the help of checklist: Neonate , Infancy, Early childhood, Late childhood, Adolescence, Young adulthood, Middle age, Late adulthood.	10
5.	The major tools of research in child study/ the field of human development: Case study, Interview, Questionnaire.	10
6.	Visit to an Anganwadi, ECCE centre/old age home/maternity ward and antenatal clinics.	10
7.	Carry out case studies to know more about the different life stages, e.g., Preschool children, school going children, adolescents, middle adults.	10
8.	Interviews of adolescent girls and boys to understand their life style and behaviour based on gender and socio-economic status.	10

Teaching-Learning Methodology	Practical, Field visits, Interview method
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	50%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Assignments, Attendance (As per CBCS R.6.8.3)	
3.	University Examination	50%

Course Outcomes: Having completed this course, the learner will be able to	
1.	The student will be able to develop an understanding about the discipline of Human Development.
2.	The student will acquire a detailed understanding of developmental milestones, characteristics, need of different stages in the human life cycle
3.	The student will acquire a detailed understanding of the major tools of research in child study

Suggested References:	
Sr. No.	References
1.	Berk, L.E. (2005). <i>Child development</i> (5th ed.). New Delhi: Prentice Hall
2.	Berk, L. (2013). <i>Child development</i> . 9th ed. Boston: Pearson. Chapter 3
3.	Bhangaokar, R., & Kapadia, S. (in press). <i>Human Development Research in India: A historical overview</i> . In G. Misra (Ed.), <i>Hundred years of Psychology in India</i> . New Delhi: Springer.
4.	Feldman, R., & Babu, N. (2009). <i>Discovering the life span</i> . New Delhi: Pearson
5.	Kakar, S. (1998). <i>The inner world. Psychoanalytic study of childhood and society in India</i> . Delhi: Oxford University Press.
6.	Kapadia, S. (2011). <i>Psychology and human development in India</i> . Country paper. International Society for the Study of Behavioural Development Bulletin Number 2, Serial No. 60, pp.37-42.





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8.	Lightfoot, C., Cole, M., & Cole, S. (2012). <i>The development of children</i> (7th ed.). New York: Worth Publishers.
9.	Santrock, J. W. (2011). <i>Life-span development</i> . New York: McGraw-Hill. Chapter 2, pg 52-78, Chapter 3, pg 79-109.
10.	Santrock, J. (2017). <i>A topical approach to life span development</i> (9th ed.). New York: McGraw-Hill Higher Education.
11.	Singh, A. (Ed.) 2015. <i>Foundations of Human Development</i> . New Delhi: Tata McGraw-Hill. Chapter 2, pg 25-40, Chapter 3.
12.	Singh, A. (2015). <i>Foundations of Human Development: A life span approach</i> . ND: Orient Black Swan.
13.	Walsh, B.A., Deflorio, L., Burnham, M.M., & Weiser, D.A. (2017). <i>Introduction to Human Development and Family Studies</i> . NY: Rutledge

On-line resources to be used if available as reference material
On-line Resources
<a href="https://www.sulross.edu/sites/default/files/sites/default/files/users/docs/education/counselin_g-hgd_7.pdf">https://www.sulross.edu/sites/default/files/sites/default/files/users/docs/education/counselin_g-hgd_7.pdf</a>
<a href="https://www.who.int/childgrowth/publications/monitoring/en/">https://www.who.int/childgrowth/publications/monitoring/en/</a>

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

Course Code	UH02IDGEN01	Title of the Course	Basic Science-II
Total Credits of the Course	02	Hours Per week	02

Course Objectives:	<ol style="list-style-type: none"><li>1. To provide basic knowledge related to organic chemistry including petroleum products.</li><li>2. Write structures of organic molecules in various ways classify the organic compounds name the compounds according to IUPAC system of nomenclature and also derive their structures from the given names.</li><li>3. To familiarize the students with genetic concept.</li></ol>
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Course Content		
Unit	Description	Weightage* (%)
1.	Introduction to organic chemistry: (a) Introduction, Sources, Importance. (b) Organic Compounds: Hydrocarbons, Functional Groups, IUPAC nomenclature, Examples of aliphatic and aromatic Compounds and Homologues series (c) Properties of alkane, alkene, and alkyne.  Polymers: (a) Definition and explanation, Classification, General Properties, (b) Structures, properties and uses of following Polymers (1) Polythene, (2) Polyvinylchloride, (3) Teflon, (4) Nylon (5) Polyester.	50
2.	Growth and development (a) Cell division, (b) Sex determination in human and multiple birth. (c) Vegetative propagation  Microorganisms (a) Significance of microorganism, brief account of Viruses and Bacteria (b) Commercial importance of Microbes (Virus, Bacteria and Yeast) (c) Economic importance of plants and animals	50

Teaching-Learning Methodology	Lectures, Interactive sessions, ICT enabled teaching and learning experiences in terms of video lessons, Discussion, Project Work, Demonstrations, Practical guidance.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	50%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	
3.	University Examination	50%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand organic compounds, Polymers and different dyes.
2.	Get knowledge of growth and development of cell.
3.	Learn basic concept of electricity.

Suggested References:	
Sr. No.	References
1.	Chatwal,G.(1998). <i>Synthetic Organic Chemistry</i> . Bombay: Himalya Publishing House.
2.	Mortimer,C. (1971). <i>Chemistry a Conceptual Approach.</i> , Calcutta-: Published by Van Nostrand Renhold Company.
3	Dutta A.C. (1980). <i>A class book of Botany</i> .John Brown, oxford university press. Faraday House.
4	Sharma V.K. (1990). <i>Biology class XI</i> . New Delhi: Daryaganj. Publishers 23.
5	Maheshwari P.(1996). <i>Biology Part 1-7</i> . New Delhi.: NCERT.
6	Kenneth W. University of California, Irvins ( 1975). <i>Basic Physics</i> . New Delhi : Oxford and IBH Publishing Co.





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Bachelor of Science - Home Science  
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Course Code	UH02IDGEN02	Title of the Course	Practical - Basic Sciences- II
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none"><li>1. To categorize the organic substance on the basis of their functional group.</li><li>2. To demonstrate types of propagation methods.</li><li>3. To identify various types of microorganisms.</li></ol>
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Course Content		
Unit	Description	Weightage *(%)
1.	To detect functional groups of the given organic compounds through various tests. - Acids, Alcohols, Aldehydes and Ketones, Amine, Amide, Hydrocarbon, Ester, Phenol	30
2.	Redox titration : $\text{KMnO}_4 \rightarrow \text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ $\text{KMnO}_4 \rightarrow \text{H}_2\text{C}_2\text{O}_4 \cdot 2\text{H}_2\text{OK}_2\text{Cr}_2\text{O}_7 \rightarrow \text{FeSO}_4 \cdot 7\text{H}_2\text{O}$	20
3.	To classify Friend and Foe animals.	05
4.	To display slides of bacteria with electron micrographs.	10
5.	To demonstrate methods of vegetative propagation (Drafting and Budding)	15
6.	To demonstrate & practice methods of vegetative propagation (Layering)	10
7.	Group project on economic importance and medicinal use of plants.	10





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Teaching-Learning Methodology	Practical, ICT enabled teaching and learning experiences in terms of videolessons Discussion, By way of Demonstrations.	
Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Practical Examination (As per CBCS R.6.8.3)	50%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	
3.	University Examination	50%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Perform qualitative analysis of organic substance.
2.	Appraise the importance and utilization of plants and animals in general.
3.	Get acquainted with the world of microorganisms.

Suggested References:	
Sr. No.	References
1.	Ahluwalia, V.K. & Dhingra, S. (2010). <i>Comprehensive Practical Organic Chemistry – Qualitative Analysis</i> . Hyderabad: by University Press (India) Private Limited, First Indian Reprint 2010.
2.	Vogel, A. <i>Elementary Practical Organic Chemistry Part-2, Qualitative Organic Analysis</i> . New Delhi : CBS Publishers & Distributors, Second edition, reprint 2004.
3.	Trivedi P.P. (1983). <i>Home Gardening</i> : Indian council of Agricultural Research.

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Bachelor of Science-Home Science  
 (B.Sc.-H.Sc.) (GENERAL HOME SCIENCE) Semester (II)

Course Code	UH02SEGEN01	Title of the Course	Personality Development
Total Credits Of the Course	02	Hours per Week	02

Course objectives
<ol style="list-style-type: none"> <li>1. To understand the importance of personality development and its theories</li> <li>2. To develop basic skills of intra /inter personal communication</li> <li>3. To impart knowledge on time management and effective planning</li> </ol>

Course Description		
UNIT	Course Content	Weightage (%)
1.	<b>(A) Introduction to Personality</b> a) Basics of Personality b) Human Growth & Behaviour c) Motivation <b>(B) Communication Skill &amp; Personality Development</b> a) Intra personal Communication & Body Language b) Inter personal Communication & Relationship c) Leadership Skills d) Team Building & Public Speaking	<b>50</b>
2.	<b>(A) Techniques in Personality Development -1</b> a) Self Confidence b) Goal Setting c) Time Management & Effective Planning  <b>(B) Techniques in Personality Development -2</b> A) Stress Management B) Meditation And Concentration Techniques C) Self Acceptance And Self Growth	<b>50</b>

Course outcomes	
1	The students will be able to develop and understanding about the basics of personality, human growth and behavior
2	The students will acquire detailed understanding of 3 leadership skills and team building and public speaking





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	The students will acquire understanding about time management and effective planning
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Reference Books :	
1.	Heller, Robert. Effective Leadership. Essential Manager Series. Dk Publishing. 2002
2.	Hindel, Tim. Reducing Stress Essential Manager Series
3.	Lucas, Stephen. Art Of Public Schooling New Delhi. Tata – Mc – Graw Hill. 2001
4.	Pravesh Kumar. All About Self-Motivation. New Delhi. Goodwill Publishing House. 2005
5.	Smith B. Body Language. Delhi: Rohan Book Company 2004





**Bachelor of Science-Home Science**  
**(B.Sc.-H.Sc.) (GENERAL HOME SCIENCE) Semester (II)**

<b>Course Code</b>	<b>UH02VAGEN01</b>	<b>Title of the Course</b>	<b>Environmental Studies</b>
<b>Total Credits of the Course</b>		<b>Hours per Week</b>	<b>02</b>

<b>Course Objectives :</b>	<b>Objectives:</b> <ol style="list-style-type: none"> <li>1. Creating the awareness about the environmental problems among the students.</li> <li>2. Imparting the knowledge about environment and its allied problems.</li> <li>3. Developing the attitude of concern for the environment</li> </ol>
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Course Content		
Unit	Description	Weightage *(%)
1.	<b>Overview of Environmental Studies:</b> <ul style="list-style-type: none"> <li>● Definition,</li> <li>● Scope,</li> <li>● Importance,</li> <li>● Meaning and Concept of Renewable and Non Renewable Resources,</li> <li>● Equitable use of resources for sustainable lifestyles,</li> <li>● Need for Public awareness.</li> </ul>	25%
2.	<b>Natural Resources and Associated Problems:</b> <ul style="list-style-type: none"> <li>● Concept and Threats - Forest Resources, Water Resources,</li> <li>● Mineral Resources, Energy Resources, Land Resources,</li> <li>● Role of individual in conservation of Natural Resources,</li> <li>● National Forest Policy</li> </ul>	25%

<b>Teaching-Learning Methodolog</b>	These are teacher-centred methods, learner-centred methods, content-focused methods and interactive/participative methods.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, 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.	Students can learn how to use resources sustainably and create awareness about preserving the environment.
2.	Students can develop awareness towards resources conservation and take initiative towards conservation process and understand the importance of resources for sustainable development.

Suggested References:	
Sr. No.	References
1.	Environmental Studies- Dr. Suresh K. Dhameja. Published by SK Kataria & Sons, New Delhi-110006
2.	Introduction to Environmental Studies- Chandar K. Sharma, Vrinda Publications Pvt. Ltd. Delhi-110091
3.	Textbook of Environmental Studies for Undergraduate Courses- Erach Bharucha

On-line resources to be used if available as reference material
On-line Resources
<u>Environmental Studies For Undergraduate Courses - UGC</u>