
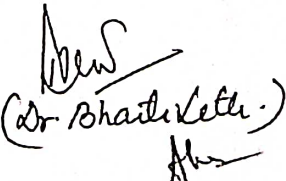
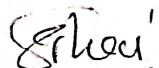
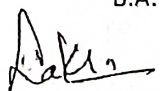
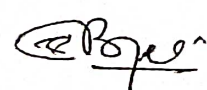



**FOUR YEAR UNDERGRADUATE PROGRAM (NEP-2020)**  
**Program: Bachelor in Arts (2024-28)**  
**DISCIPLINE – HOME SCIENCE**  
**Session: 2024-25**

DSC - 01 to 08		DSE – 01 to 12	
Code	Title	Code	Title
HSSC-01T	Introduction to Textiles	HSSE-01T	Food safety sanitation and hygiene
HSSC-01P	Introduction to Textiles (Practical)	HSSE-01P	Food safety sanitation and hygiene (Practical)
HSSC-02T	Extension Education	HSSE-02T	Interpersonal relationship and family dynamics
HSSC-02P	Extension Education (Practical)	HSSE-02P	Interpersonal relationship and family dynamics (Practical)
HSSC-03T	Food Science and nutrition	HSSE-03T	Principles of Interior designing
HSSC-03P	Food Science and nutrition (Practical)	HSSE-03P	Principles of Interior designing (Practical)
HSSC-04T	Family Resource Management	HSSE-04T	Textiles and laundry science
HSSC-04P	Family Resource Management (Practical)	HSSE-04P	Textiles and laundry science (Practical)
HSSC-05T	Clinical Nutrition	HSSE-05T	Food service management
HSSC-05P	Clinical Nutrition (Practical)	HSSE-05P	Food service management (Practical)
HSSC-06T	Human Development	HSSE-06T	Garden and landscape designing
HSSC-06P	Human Development (Practical)	HSSE-06P	Garden and landscape designing (Practical)
HSSC-07T	Anatomy physiology and Hygiene	HSSE-07T	Fashion marketing and Merchandising
HSSC-07P	Anatomy physiology and Hygiene (Practical)	HSSE-07P	Fashion marketing and Merchandising (Practical)
HSSC-08T	Fundamental of Clothing Construction	HSSE-08T	Extension management
HSSC-08P	Fundamental of Clothing Construction (Practical)	HSSE-08P	Extension management (Practical)
<b>Generic Electives</b>		HSSE-09T	Entrepreneurship
HSGE-01T	Introduction to Textiles	HSSE-09P	Entrepreneurship (Practical)
HSGE-01P	Introduction to Textiles (Practical)	HSSE-10T	Designing and furnishing life space
HSGE-02T	Extension Education	HSSE-10P	Designing and furnishing life space (Practical)
HSGE-02P	Extension Education (Practical)	HSSE-11T	Skills for working with children
<b>Skill Enhancement Course</b>		HSSE-11P	Skills for working with children (Practical)
HSSEC-01	Surface Ornamentation	HSSE-12T	Traditional textiles and costumes of India
<b>Value Added Course</b>		HSSE-12P	Traditional textiles and costumes of India (Practical)
HSVAC-01	Techniques of Food Preservation		

  
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 (Dr. Shaili Kethi)  
  
 Anjali  
  
 Raju  
  
 Anjali  
  
 Anjali

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 Vishwavidyalaya, Raigarh (C.G.)

### Program Outcomes

- Explains the science and technologies that enhance the quality of life in day-to-day living.
- Take science from the laboratory to the people.
- Define the importance of food and health to enhance the quality of life of people.
- Develop skills in food, nutrition, textiles, product making, communication technologies and human development.
- Competence in Public Speaking, writing and interpersonal skills.
- Development of critical sensitivity towards community issues and process.
- Acquire basic management skills for organizing events, resource mobilization, leading community-based projects etc.
- Reflect universal and domain-Specific values in Home Science.

### Program Specific Outcomes

- Understand the concepts of different areas of home science.
- Blend relevant instructions with real time applications in career.
- Be committed as responsible consumers and able designers.
- Manage diseases using diet therapy.
- Develop comprehensive and analytical skills in food industry and health sectors.
- Inculcate insights in public health nutrition for employment in State and Central Government.
- Grow into knowledgeable and skilled human resources employable in food industries, hospitals and textile industries.
- Develop entrepreneurial skills in textiles and fashion.
- Comprehend the current techniques in food and nutrition and textile production and processing.
- Be able to establish centers for human welfare – crèche, early learning centers, guidance and counseling centers, foster cares, day care centers for both children and elderly citizens.

*[Handwritten signatures]*

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Vishwavidyalaya, Raigarh (C.G.)



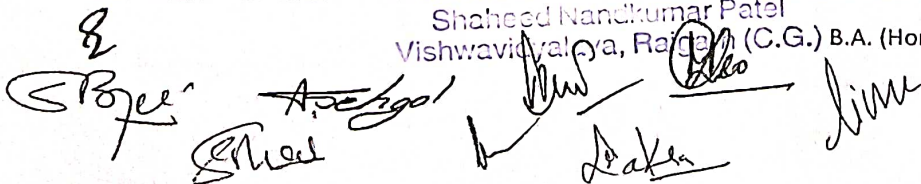
**FOUR YEAR UNDERGRADUATE PROGRAM (2024-28)**  
**Department of Home Science**  
**Course Curriculum**

<b>Part A: Introduction</b>			
Program: Bachelor in Arts (Certificate/Diploma/Degree/Honors)		Semester: I	Session: 2024-2025
1	Course Code	IISSC – 01T	
2	Course Title	INTRODUCTION TO TEXTILES	
3	Course Type	DSC	
4	Pre-requisite(if any)	As per Program	
5	Course Learning Outcomes (CLO)	<ul style="list-style-type: none"> <li>• Develop an understanding of concepts and basics of textiles.</li> <li>• Understands and define the key textile terms.</li> <li>• Develop critical understanding of the techniques of yarn and fabric manufacture.</li> <li>• Identify the fibres, yarn and fabrics for its appropriate use.</li> <li>• Analyze and asses dyed and printed textiles.</li> <li>• Recommend the dyes, printing and finishing of textiles for specific use.</li> </ul>	
6	Credit Value	3 Credits	1 Credit = 15 Hours Teaching - learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks : 40

<b>Part B: Content of the Course</b>		
No.of Teaching-learning Periods (1 hour per period : 45 Periods (45 hours))		
Unit	Topics (Course Contents)	No. of Periods
1	<b>Introduction to Textiles</b> Definition of textile fibers and terminology Classification of textile fibers Physical and Chemical properties of fibers. Natural fibers (Morphology, production, properties and end uses) - Cellulosic fibers (Cotton, Jute)	12
2	<b>Fibers</b> Natural fibers (Morphology, production, properties and end uses) - Protein fibers (Silk, Wool) Man-made fibers: (Manufacturing process, properties and end uses) - Viscose Rayon - Acetate Rayon - Nylon - Polyester - Acrylic - Elastomeric	11

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 Vishwavidyalaya, Raigarh (C.G.)

3	<b>Yarn and Fabric</b> Yarns - Classification of yarns: simple, ply and cord - Types and properties of yarn - Twist in yarn: "s" and "z", number of twist Woven fabrics - Looms and its part - Classification Basic weaves Plain, Twill, Satin - Novelty weaves – Pile, Leno, Honeycomb -Other methods of fabric construction.	11
4	<b>Coloration and Finishing of Textiles</b> Dyes - Terms related to dyes, Classification of dyes - Direct, Acid, Basic and Reactive dyes Printing - Styles of printing, Modern methods of printing - Pre-preparation for printing (printing paste, printing table) Finishing- Basic finishes, Special finishes	11

**Keywords:** Textile terminology, properties of fibres, classification of fibre-natural and synthetics, yarn types, twist in yarn, classification of weaves, fabric construction, dyes, printing, finishing.

<b>Part C: Learning Resources</b>	
Text Books, Reference Books, Other Resources	
<b>Text Book</b>	<ul style="list-style-type: none"> <li>• डॉ मंजु पाटनी, (2022) वस्त्र विज्ञान एवं परिधान का परिचय - Edition, Star Publication.</li> <li>• Textile Science: an explanation of fiber properties - Gohl, E., Vile sky, L., 2 edition, New Age International Publishing.</li> <li>• डॉ बक्शी, वस्त्र विज्ञान एवं परिधान का परिचय - 2<sup>nd</sup> Edition, Vinod Pustak Mandir.</li> <li>• डॉ शिप्रा बैनर्जी, (2018), तंतु एवं वस्त्र विज्ञान - छ. ग. हिन्दी ग्रंथ अकादमी</li> <li>• Fundamentals of Textiles and their care - Sushila Dhantyagi, 5<sup>th</sup> Edition, Orient Black Swan.</li> <li>• Textile testing and analysis - Collier, B.J., &amp; Epps, H.H. 1998 Edition, Prentice Hall Publishers</li> <li>• Booth, J.E. (1996). <i>Principles of Textile Testing</i>. New Delhi: CBS Publishers &amp; Distributors Pvt. Ltd.</li> <li>• Corbman, P.B. (1983). <i>Textiles: Fibre to Fabric</i>. McGraw-Hill Publishers.</li> <li>• Collier, B.J., &amp; Epps, H.H. (1998). <i>Textile testing and analysis</i>. Prentice Hall Publishers.</li> <li>• Dantyagi, S. (1996). <i>Fundamentals of Textiles and their Care</i>. India: Orient Black swan Private Limited.</li> <li>• D'Souza, N. (2014). <i>Fabric Care</i>. New Delhi: New Age International Publishers.</li> <li>• Greaves, P.H., Saville, B. P. (1995). <i>Microscopy of textile fibres</i>. bios Scientific Publishers</li> <li>• Gohl, E., Vile sky, L. (2003), Textile Science: an explanation of fiber properties (2 edition), New</li> </ul>
<b>Other Resources:</b>	<ul style="list-style-type: none"> <li>• Manmade Fiber: <a href="https://youtu.be/Nplhszsvi6y">https://youtu.be/Nplhszsvi6y</a></li> <li>• Synthetic Fiber Nylon: <a href="https://youtu.be/Wzhvqe3movi">https://youtu.be/Wzhvqe3movi</a></li> </ul>

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- Animal Fiber Silk: <https://youtu.be/X6mjzfhtygy>
- Animal Fiber Wool: <https://youtu.be/Kdrsko1yr88>
- Classification Of Fiber: <https://youtu.be/Uvcoio2qefg>
- Methods Of Printing: <https://youtu.be/l9s-Zdufeo8>
- Study Of Yarn: <https://youtu.be/-Fhgijuaqzo>
- Fabric Construction: <https://youtu.be/Upwklpca5w8>
- Mechanical Finishes: <https://youtu.be/Vwkvkr1kpt8>
- Chemical Finishes: <https://youtu.be/B6xaduge1w8>
- Study Of Dyes: <https://youtu.be/6ortgd1mua4>

Bandhej, Lahariya <https://docs.google.com/presentation/d/1YB4AZ398BgNfvxGqnJodPva2VG7O4ZUVmtLBBiUYq3s/edit?usp=sharing>

Part D: Assessment and Evaluation		
Suggested Continuous Evaluation Methods:		
Maximum Marks: 100 Marks		
Continuous Internal Assessment (CIA): 30 Marks		
End Semester Exam (ESE): 70 Marks		
Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment / Seminar - 10 Total Marks - 30	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1 Objective-10x1=10 Mark; Q2.Short answer type-5x4=20 Marks Section B: Descriptive answer type qts.1 out of 2 from each unit-4x10=40 Marks	

Name and Signature of Convener & Members of CBoS:

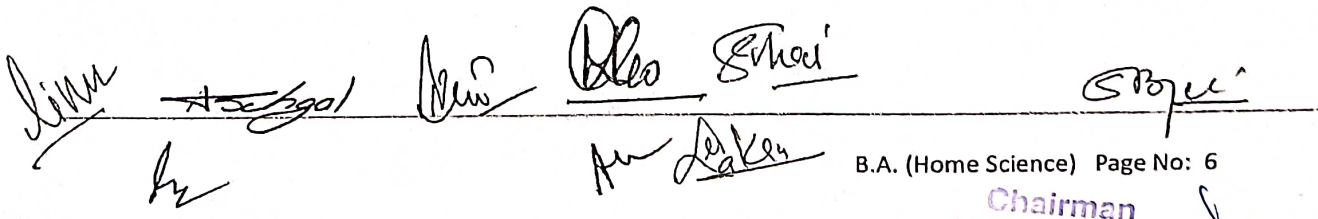
*A. Sehgal*  
*In* (Dr. Bharti Vellur) *Shri* *S. Roy* *Dr. Anil*

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**FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)**  
**Department of Home Science**  
**Course Curriculum**

PART- A: Introduction		
Program: Bachelor in Arts (Certificate/Diploma/Degree/Honors)		Semester -I
Session: 2024-2025		
1	Course Code	HSSC-01P
2	Course Title	INTRODUCTION TO TEXTILES (PRACTICAL)
3	Course Type	DSC
4	Pre-requisite (if, any)	As per requirement
5	Course Learning Outcomes (CLO)	<ul style="list-style-type: none"> <li>• Develop an understanding of concepts and basics of textiles.</li> <li>• Understands and define the key textile terms.</li> <li>• Develop critical understanding of the techniques of yarn and fabric manufacture.</li> <li>• Identify the fibres, yarn and fabrics for its appropriate use.</li> <li>• Analyze and asses dyed and printed textiles.</li> <li>• Recommend the dyes, printing and finishing of textiles for specific use.</li> </ul>
6	Credit Value	1 Credits <i>1 Credit =30 Hours Laboratory or Field learning/Training</i>
7	Total Marks	Max. Marks: 50 Min Passing Marks: 20
PART -B: Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	1. Identification of textile fibers: <ul style="list-style-type: none"> <li>• Visual test / Microscopic test</li> <li>• Burning test /Chemical test</li> </ul> 2. Weaves and their variations: <ul style="list-style-type: none"> <li>• Plain weave / Twill weave</li> <li>• Satin &amp; Sateen weave</li> <li>• Honeycomb &amp; Birdseye weave</li> </ul> 3. Handloom center visit 4. Fiber sample collection 5. Prepare printing samples 6. Prepare Tie & dye sample	30
Keywords	Textile terminology, properties of fibres, classification of fibre-natural and synthetics, yarn types, twist in yarn, classification of weaves, fabric construction , dyes, printing, finishing.	



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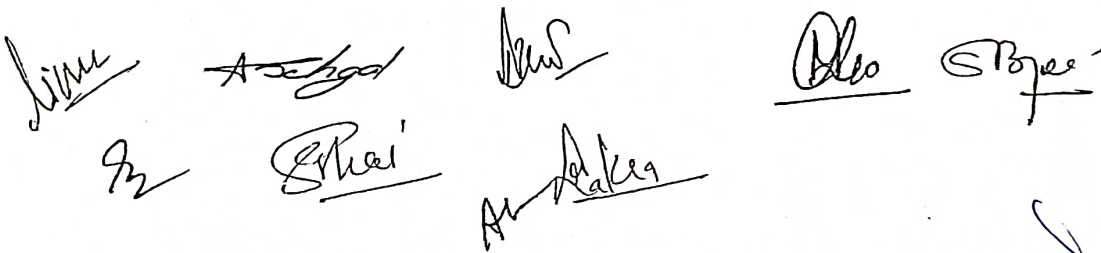


<b>PART-C: Learning Resources</b>
<b>Text Books, Reference Books and Others</b>
<i>Text Books Recommended –</i>
<ul style="list-style-type: none"> <li>• वस्त्रविज्ञान एवंपरिधानकापरिचय - डॉमंजुपाटनी, 2022 Edition, Star Publication.</li> <li>• Textile Science: an explanation of fiber properties - Gohl, E., Vile sky, L., 2 edition, New Age International Publishing.</li> <li>• वस्त्रविज्ञान एवंपरिधानकापरिचय - डॉवकशी, 2<sup>nd</sup> Edition, Vinod Pustak Mandir.</li> <li>• तंतुएवंवस्त्रविज्ञान - डॉशिप्राबैनर्जी</li> <li>• Fundamentals of Textiles and their care - SushilaDhantiyagi, 5<sup>th</sup> Edition, Orient Black Swan.</li> <li>• Textile testing and analysis - Collier, B.J., &amp; Epps, H.H. 1998 Edition, Prentice Hall Publishers</li> <li>• Booth, J.E. (1996). <i>Principles of Textile Testing</i>. New Delhi: CBS Publishers &amp; Distributors Pvt. Ltd.</li> <li>• Corbman, P.B. (1983). <i>Textiles: Fibre to Fabric</i>. McGraw-Hill Publishers.</li> </ul>
<b>Online Resources–</b>
• e-Resources / e-books and e-learning portals
<b>Online Resources–</b>
• e-Resources / e-books and e-learning portals

### **PART -D: Assessment and Evaluation**

<b>Suggested Continuous Evaluation Methods:</b>		
<b>Maximum Marks:</b>		50 Marks
<b>Continuous Internal Assessment(CIA):</b>		15 Marks
<b>End Semester Exam(ESE):</b>		35 Marks
<b>Continuous Internal Assessment(CIA):</b> (By Course Teacher)	Internal Test / Quiz-(2): 10 & 10 Assignment/Seminar +Attendance - 05 Total Marks - 15	Better marks out of the two Test / Quiz +obtained marks in Assignment shall be considered against 15 Marks
<b>End Semester Exam (ESE):</b>	Laboratory / Field Skill Performance: On spot Assessment A. Performed the Task based on lab. work - 20 Marks B. Spotting based on tools & technology (written) – 10 Marks C. Viva-voce (based on principle/technology) - 05 Marks	Managed by Course teacher as per lab. status

Name and Signature of Convener & Members of CBoS:



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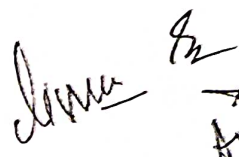
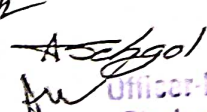

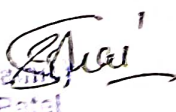
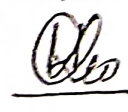
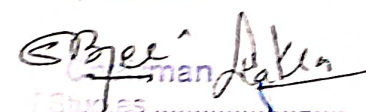
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**FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)**  
**Department of Home Science**  
**Course Curriculum**

Part A: Introduction			
(Certificate/Diploma/Degree/Honors)		Semester: II	Sessions 2024-2025
1	Course Code	HSSC - 02F	
2	Course Title	EXTENSION EDUCATION	
3	Course Type	DSC	
4	Pre-requisite(if any)	As per Program	
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be able to... <ul style="list-style-type: none"> <li>• Explains the Concept of developing communication skills.</li> <li>• Describes the process of communication.</li> <li>• Analyze soft skill development for proper communication.</li> <li>• They understand E-Learning for communication.</li> <li>• Explained the various method to reach individual and mass</li> </ul>	
6	Credit Value	3 C	1 Credit = 15 Hours - learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks : 40

Part B: Content of the Course		
No. of Teaching-learning Periods (1 hour per period : 45 Period (45 hours)		
Unit	Topics (Course Contents)	No. of Periods
1	Introduction of Home Science Extension Education: Home Science-Concepts, goals and Areas of Home Science & their inter relationship with extension, Principles and methods of home science extension education general concepts of extension work, Objectives of extension education qualities to extension workers, extension education process.	12
2	Community Development: Principles of community development, organization and function of community development, Role of home scientists in community development programs of extension education for community. Programs of community development at central, state, district, block and village level. Family planning program, Community problems, rural indebtedness unemployment.	11
3	Teaching methods & aids: Methods of learning - Discussion, demonstration, lecture, experimental, observation and their application to home science teaching, Scope and use in Home Science teaching, Extension Methods- their scope advantages and application Attitude towards Home Science: Attitudes towards Home Science, Motivation towards Home science, Application of Home Science towards improvement in family living. Job opportunities in Home Science. National and International agencies, Official organization - W.H.O. FAG, CARE, ICAR ICDS, ICSSR, ICMR, IRDP, Adult education Home Science Association of India- Curriculum Planning in Home Science: Basic concept of curriculum planning	11

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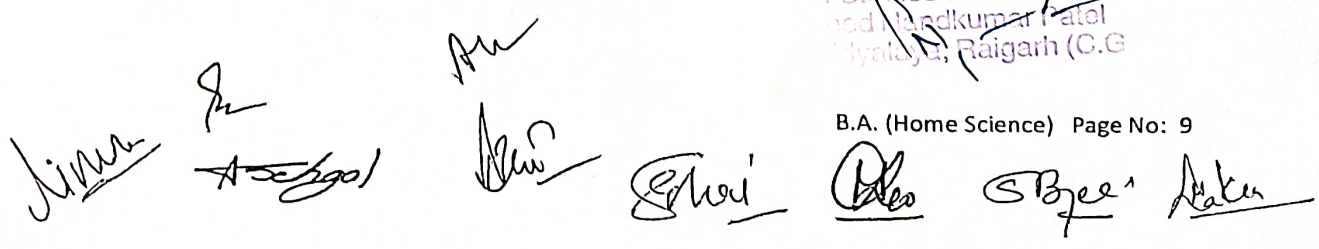
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	components of curriculum, planning Implementation evolution and improvement required in the existing System of Home Science, Education policy and its relevance to Home Science Program planning concept, Principles objectives and steps in program planning.	
4	<p>Extension Education- Concepts, nature, history and philosophy of extension.</p> <ul style="list-style-type: none"> <li>Objective, principles, and scope of extension</li> <li>Characteristics and nature of extension work, extension education and extension service</li> </ul> <p>Extension approaches and methods-classification, characteristics and selection Audio-Visual aids, teaching aids in extension concept, classification, characteristics and importance</p>	11
<p><b>Keywords:</b> Goals of Home Science Education, Planning for Home Science Education, Link of Various agencies for Home science, Curriculum Planning in Home Science.</p>		

<b>Part C: Learning Resources</b>	
Text Books. Reference Books, Other Resources	
<b>Text Book</b>	
<ul style="list-style-type: none"> <li>Communication And Instructional—Technology – Indu Grover, Sushma Kaushik, 1st Edition Agrotech Publishing Academy .</li> <li>Extension communication &amp; Management- G.L. Ray, 1st Edition , Kalyani Publishers.</li> <li>Communication And Extension Management- Dr. Jitendra Chauhan, 2nd Edition, Kushal Publication.</li> <li>Rural Development principles policies &amp; management- Kartar Singh, 3rd Edition , Sage Publications India Pvt Ltd.</li> <li>Extension education &amp; communication V.K. Dubey, Indira Bishnoi, 1st Edition, New Age International Publishers.</li> <li>Education and communication for Development by O P Dhama 2nd Edition , Oxford &amp; Ibh Publishing</li> <li>An Introduction To Extension Education- SV Supe, 2nd Edition , Oxford &amp; Ibh Publishing.</li> <li>A Study of Rural Economics - Systems Approach- Vasant Desai, Himalaya Publishing House, New Delhi.</li> <li>SWAYAM portal based course Information and Communication technology- Dr. Aprajita Bhatt</li> <li>SWAYAM portal based course Home science- Extension and Communication management level-1 course no.43</li> </ul>	
<b>Other Resources–</b>	
<ul style="list-style-type: none"> <li><a href="https://youtu.be/-bW8gYwOIGM">https://youtu.be/-bW8gYwOIGM</a></li> <li><a href="https://youtu.be/c7fQOnIyV6s">https://youtu.be/c7fQOnIyV6s</a></li> <li><a href="https://youtu.be/6EI5S2wpBlk">https://youtu.be/6EI5S2wpBlk</a></li> <li><a href="https://youtu.be/oCJ4N1zch7w">https://youtu.be/oCJ4N1zch7w</a></li> <li><a href="https://youtu.be/vOVmKIgSCzs">https://youtu.be/vOVmKIgSCzs</a></li> <li><a href="https://youtu.be/NKQIOMVNZdO">https://youtu.be/NKQIOMVNZdO</a></li> </ul>	
<p><b>Officer-In-Charge (Academic)</b> Shahood Nandkumar Patel Vishwavidyalaya, Raigarh (C.G.)</p>	
<p><b>Chairman</b> [Studies] ..... Shahood Nandkumar Patel Vishwavidyalaya, Raigarh (C.G.)</p>	

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Part D: Assessment and Evaluation		
Suggested Continuous Evaluation Methods:		
Maximum Marks:	100 Marks	
Continuous Internal Assessment (CIA):	30 Marks	
End Semester Exam (ESE):	70 Marks	
Continuous Internal Assessment(CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment / Seminar - 10 Total Marks - 30	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1 Objective-10x1=10 Mark; Q2.Short answer type-5x4=20 Marks Section B: Descriptive answer type qts.1 out of 2 from each unit-4x10=40 Marks	

Name and Signature of Convener & Members of CBoS:

*[Handwritten signatures of Convener and Members of CBoS]*

*[Handwritten signature]*  
Chairman  
Shaheed Nandkumar Patel  
Vishwavidyalaya, Raigarh (C.G.)

Officer-In-Charge (Academics)  
Shaheed Nandkumar Patel  
Vishwavidyalaya, Raigarh (C.G.)



**FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)**  
**Department of Home Science**  
**Course Currieulum**

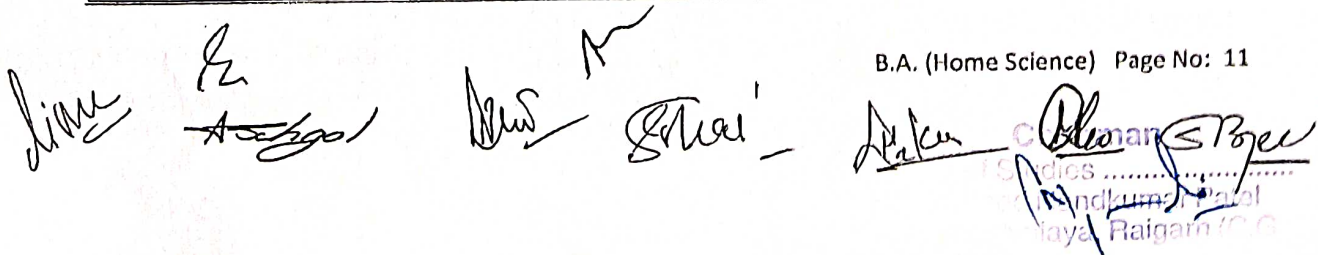
PART- A: Introduction		
Program: Bachelor in Arts (Certificate / Diploma / Degree)		Semester -II
Session: 2024-2025		
1	Course Code	HSSC-02P
2	Course Title	EXTENSION EDUCATION( PRACTICAL )
3	Course Type	DSC
4	Pre-requisite (if, any)	As per requirement
5	Course Learning- Outcomes (CLO)	At the end of this course, the students will be enable to.. <ul style="list-style-type: none"> <li>• Explains the Concept of developing communication skills.</li> <li>• Describes the process of communication.</li> <li>• Analyze soft skill development for proper communication.</li> <li>• They understand E-Learning for communication.</li> </ul> Explained the various method to reach individual and mass
6	Credit Value	1 Credits
		1 Credit=30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50
		Min Passing Marks: 20
PART -B: Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	<ol style="list-style-type: none"> <li>1. Manufacturing of audiovisual equipment</li> <li>2. Aganbadivisit</li> <li>3. Getting information about operated schemes</li> <li>4. Making chart post flash cards for cleanliness awareness and promotion.</li> <li>5. To find out the food related problems prevalent in the society at local level and make efforts to remove them.</li> </ol>	30
Keywords	Goals of Home Science Education, Planning for Home Science Education, Link of Various agencies for Home science, Curriculum Planning in Home Science.	

**PART-C: Learning Resources**

**Text Books, Reference Books and Others**

**Text Books Recommended –**

- Communication And Instructional Technology – Indu Grover, Sushma Kaushik, 1st Edition Agrotech Publishing Academy .
- Extension communication & Management- G.L. Ray, 1st Edition, Kalyani Publishers.
- Communication And Extension Management- Dr. Jitendra Chauhan, 2nd Edition, Kushi



- Publication.
- Rural Development principles policies & management- Kartar Singh, 3rd Edition, Sage Publications India Pvt Ltd.
- Extension education & communication V.K. Dubey, Indira Bishnoi, 1st Edition, New Age International Publishers.
- Education and communication for Development by O P Dhama 2nd Edition, Oxford & Ibh Publishing

Online Resources—

- c-Resources / e-books and e-learning portals

Online Resources—

- e-Resources / e-books and e-learning portals

**PART -D: Assessment and Evaluation**

Suggested Continuous Evaluation Methods:		
Maximum Marks:	50 Marks	
Continuous Internal Assessment(CIA):	15 Marks	
End Semester Exam(ESE):	35 Marks	
Continuous Internal Assessment(CIA): (By-Course Teacher)-	Internal Test / Quiz-(2): 10 & 10	Better marks out of the two Test / Quiz +obtained marks in Assignment shall be considered against 15 Marks
	Assignment/Seminar +Attendance - 05	
	Total Marks - 15	
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment	
	A. Performed the Task based on lab. work - 20 Marks	Managed by Course teacher as per lab. status
	B. Spotting based on tools & technology (written) – 10 Marks	
C. Viva-voce (based on principle/technology) - 05 Marks		

*A. Sehgal*  
*(Dr. Amita Sehgal)*  
*Dr. Smt. Kamta R D. Co*  
*Dr. J. Singh*  
*Dr. Patel*  
*Dr. Raj*  
 Chairman  
 Studies .....  
 Shaheed Nandkumar Patel  
 Vishwavidyalaya, Raigarh (C.G.)

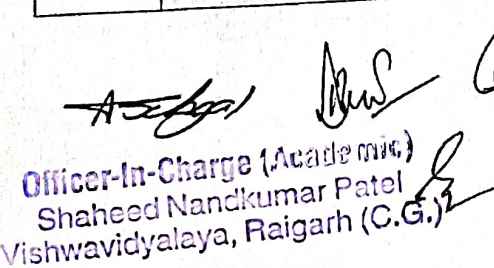
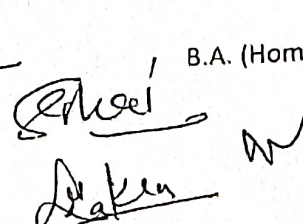
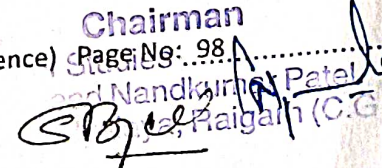
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**FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)**  
**Department of Home Science**  
**Course Curriculum**

PART-A: Introduction		
Program: Bachelor in Arts (Certificate / Diploma / Degree/Honors)		Semester: II/IV
		Session: 2024-2025
1	CourseCode	HSSEC-01
2	CourseTitle	SURFACE ORNAMENTATION
3	CourseType	SEC
4	Pre-requisite(if,any)	Asperrequirement
5	CourseLearning- Outcomes(CLO)	<ol style="list-style-type: none"> <li>1. Identify and use embroidery tools following safety precautions.</li> <li>2. Meticulously use stitches and trimmings</li> <li>3. Translate design ideas onto fabric.</li> <li>4. Use the Indian Embroidery, painting and printing for developing products</li> <li>5. Access, analyze, evaluate and use information from a variety of sources, work collaboratively with others to achieve individual and collective goals.</li> <li>6. Confidence in developing their own designs.</li> </ol>
6	Credit Value	2 Credits (01CT+01CP)
		Credit = 15 Hours – Theoretical learning OR = 30 Hours Laboratory or Field learning/Training
7	Total Marks	Max.Marks: 50
		Min Passing Marks: 20
PART-B: Content of the Course		
Total No. of Teaching-learning Periods:		
Theory – 15 Periods (15 Hrs) and Lab. or Field learning/Training 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Theory Contents	<p>Introduction</p> <ul style="list-style-type: none"> <li>• Value addition to Textiles Trimmings and decorations, Painting and Printing, Patch &amp; Quilting.</li> <li>• Essentials of Surface ornamentation Materials, tools, design enlargement and reduction, design placement and transfer</li> </ul> <p>Embroidery</p> <ul style="list-style-type: none"> <li>• Preparation of samples: Hand Embroidery Product development</li> <li>• Home decor Items with Hand Embroidery (minimum two)</li> <li>• Accessories with Hand Embroidery (minimum two)</li> </ul> <p>Ornamentation with colours</p> <ul style="list-style-type: none"> <li>• Garment restyling with Fabric Painting</li> <li>• Printing on Table Cloth / Stole</li> <li>• Block and stencil printing on fabric</li> </ul> <p>Decorative trimmings</p> <ul style="list-style-type: none"> <li>• Ari work with bead, sequin, mirror.</li> </ul>	15

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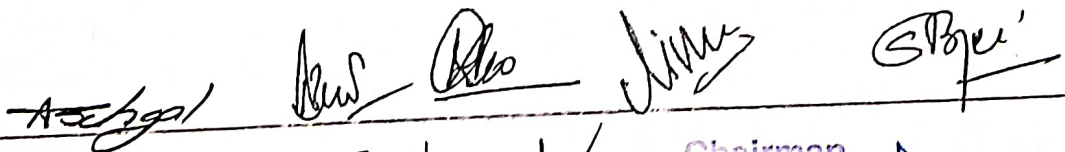
	<ul style="list-style-type: none"> <li>• Zardosi border</li> <li>• Trims and other decorative items: shells, beads, stones, buttons, cords</li> <li>• Other techniques: Layering, Patch work, cording, weaving, draw thread</li> </ul>	
Lab./Field Training Contents	Project: Product development based on the techniques explored in the class. 1. Selection of theme 2. Development of mood board 3. Conceptualization  Creation of fabric styling samples as per the selected theme and execution of the final selected design for the selected apparel style	30
Keywords	Surface ornament, Embroidery, Trimmings, Painting, Printing, Applique, Patch, Conceptualization.	

### PART-C: Learning Resources

#### Text Books, Reference Books and Others

##### Text Books Recommended -

- Abling, B., (2006), Marker rendering for fashion, accessories and home fashions, Fairchild publications, New York.
- Abling, B., (2003), The Fairchild Encyclopedia of fashion accessories, Fairchild publications, New York.
- Celia S., (2004), Know your fashion accessories, Fairchild publications, New York.
- Hideaki, C., (1992), Colour Harmony - a guide to creative colour combinations, Rockport publishers, London.
- McCall's (1982). McCall's Big Book of Needlecrafts. Chilton Book Company. Radnor, Pennsylvania, USA.
- Readers Digest complete Guide to Needle Work (1979), The Readers Digest Association, New York, and Montreal
- Shenai, V.A. (1981), History of Textile Design. Sevak Publication, Mumbai.
- Skulij., (1988), Key terms in art craft and design, Elbrook press, Australia.



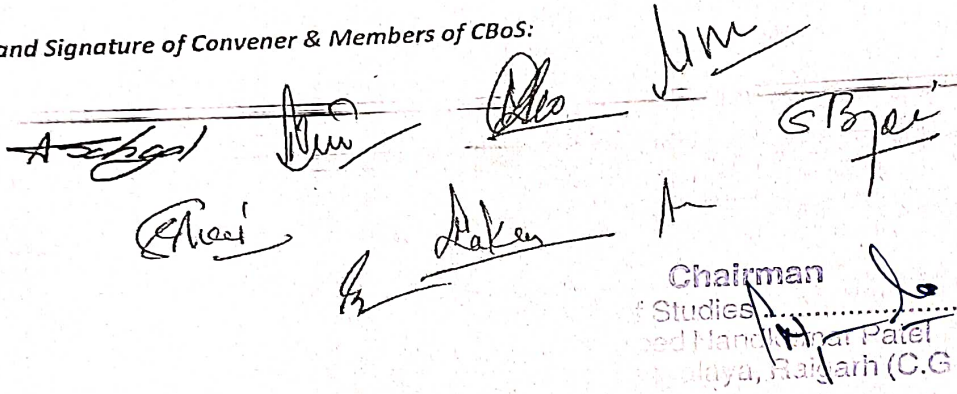
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PART-D: Assessment and Evaluation		
Suggested Continuous Evaluation Methods:		
Maximum Marks:		50 Marks
Continuous Internal Assessment (CIA):		15
Marks End Semester Exam (ESE): 35 Marks		
Continuous Internal Assessment (CIA): (By Course Coordinator)	Internal Test/Quiz-(2): 10 & 10 Assignment/Seminar + Attendance - 1 05 Total Marks -	Better marks out of the two Test/Quiz + obtained marks in Assignments shall be considered against 15 Marks
End Semester Exam (ESE):	Laboratory/Field Skill Performance: Onspot Assessment A. Performed the Task based on learned skill - 20 Marks B. Spotting based on tools (written) - 10 Marks C. Viva-voce (based on principle/technology) - 05 Marks	Managed by Coordinators as per skilling

Name and Signature of Convener & Members of CBoS:


  
 Chairman  
 Shaheed Nandkumar Patel  
 Vishwavidyalaya, Raigarh (C.G.)

Officer-In-Charge (Academic)  
 Shaheed Nandkumar Patel  
 Vishwavidyalaya, Raigarh (C.G.)

**FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)**  
**Department of Home Science**  
**Course Curriculum**

PART-A: Introduction (VALUE ADDITION COURSE (VAC))			
Program: Bachelor in Arts (Certificate / Diploma / Degree/Honors)		Semeter – I/III/V	Session:2024-2025
1	CourseCode	HISVAC-01	
2	CourseTitle	TECHNIQUES OF FOOD PRESERVATION	
3	CourseType	VAC	
4	Pre-requisite (if, any)	Asperrequirement	
5	CourseLearning.O utcomes(CLO)	<ul style="list-style-type: none"> <li>• Know the principles of preservation behind the methods of preservation</li> <li>• Understand the stages of sugar cookery, quality of pectin and acidity in the development of preserved food products</li> <li>• Acquire skills to formulate food-based products</li> <li>• Explore the principles of preservation in fruits and vegetables-based products</li> <li>• Skills to prepare cereals and pulse based preserved products and develop new products with retention of quality</li> </ul>	
6	CreditValue	2Credits	Credit = 15 Hours - learning & Observation
7	TotalMarks	Max.Marks:50	MinPassingMarks:20
PART-B: Content of the Course			
Total No. of Teaching-learning Periods (01 Hr. per period) - 30 Periods (30 Hours)			
Unit	Topics (Course contents)	No. of Period	
I	Concept of Food Preservation	08	
II	Preparation of dehydrated products	07	

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III	Preservation by Using Sugar	<ul style="list-style-type: none"> <li>• Role of Pectin in Preserved foods</li> <li>• Sugar Concentrates – Principles of Gel Formation</li> <li>• Hands on Experience: Preparation of Jam, Jelly, Marmalades, Sauce and Squash</li> <li>• Preserves, Candied, Glazed, Crystallized Fruits, Toffee</li> </ul>	08
IV	Preservation by Using Chemicals and Salts and Fermentation	<ul style="list-style-type: none"> <li>• Preparation and Preservation of Fruit Juices, RTB</li> <li>• Pickling – Principles Involved and Types of Pickles</li> <li>• Chemical Preservatives – Definition, Role of Preservation</li> <li>• Permitted Preservatives, FSSAI guidelines</li> <li>• Foods fermented by Yeasts</li> <li>• Foods fermented by Bacteria</li> </ul>	07
	Preservation by Advanced Preservation Technology	Freezing, Pasteurization, Food Irradiation, Canning and Bottling	
Keyword	Preservation, Spoilage, Canning, Pasteurization, chemical preservation, Crystallized and glazed fruit..		

### PART-C: Learning Resources

#### Text Books, Reference Books and Others

##### Text Books Recommended –

- Srivastava R.P. (2012), Fruit and vegetable preservation – Principles and Practices, International Book Distributing Co., (IBDC). New Delhi.
- Maria Parloa (2009), canned fruit, preserves and jellies: Household methods of preparation, US Department of Agriculture, Washington.
- Shafiur, Rahman, M. (2007), Handbook of Food Preservation, 2nd edition, CRC press, New Delhi.

##### Online Resources–

1. food preservation: <https://www.sciencedirect.com/topics/food-science/food-preservation>
2. chemical methods of food preservation: <https://www.reagents.co.uk/blog/chemical-method-of-food-preservation/>
3. Principle of the food processing & preservation- simple book Publishing: <https://ebooks.infibnet.ac.in/ftp1/>

##### Online Resources–

> e-Resources/e-books and e-learning portals

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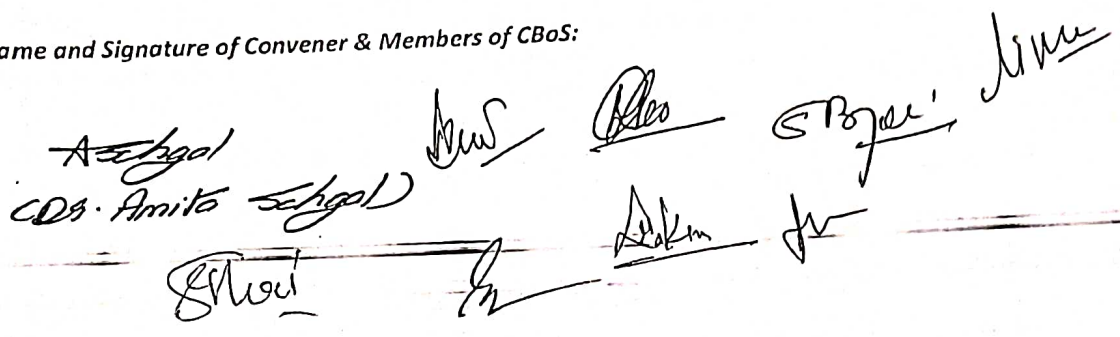
*Ans*  
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*Laker*  
*R*  
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**PART -D: Assessment and Evaluation**

Suggested Continuous Evaluation Methods:		
Maximum Marks:	50 Marks	
Continuous Internal Assessment(CIA):	15 Marks	
End Semester Exam(ESE):	35 Marks	
Continuous Internal Assessment(CIA): (By Course Teacher)	Internal Test / Quiz-(2):	10 & 10
	Assignment/Seminar +Attendance -	05
	Total Marks -	15
	Better marks out of the two Test / Quiz +obtained marks in Assignment shall be considered against 15 Marks	
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment	
	A. Performed the Task based on lab. work	- 20 Marks
	B. Spotting based on tools & technology (written) -	10 Marks
	C. Viva-voce (based on principle/technology)	- 05 Marks
	Managed by Course teacher as per lab. status	

Name and Signature of Convener & Members of CBos:


  
 A. Singh  
 CDG - Amrita School  
 Shrivastava  
 Singh  
 Singh  
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 Singh  
 Singh

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 Shaheed Hanankumar Patel  
 Vishwavidyalaya, Raigarh (C.G.)

  
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 Vishwavidyalaya, Raigarh (C.G.)



**FOUR YEAR UNDERGRADUATE PROGRAM (2024-28)**  
**Department of Home Science**  
**Course Curriculum**

<b>Part A: Introduction</b>		Semester: I	Session: 2024-2025
Program: Bachelor in Arts (Certificate/Diploma/Degree/Honors)		HSGE – 01T	
1	Course Code	INTRODUCTION TO TEXTILES	
2	Course Title	Generic Elective	
3	Course Type	As per Program	
4	Pre-requisite(if any)		
5	Course Learning Outcomes (CLO)	<ul style="list-style-type: none"> <li>• Develop an understanding of concepts and basics of textiles.</li> <li>• Understands and define the key textile terms.</li> <li>• Develop critical understanding of the techniques of yarn and fabric manufacture.</li> <li>• Identify the fibres, yarn and fabrics for its appropriate use.</li> <li>• Analyze and asses dyed and printed textiles.</li> <li>• Recommend the dyes, printing and finishing of textiles for specific use.</li> </ul>	
6	Credit Value	3 Credits	1 Credit = 15 Hours Teaching - learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks : 40

<b>Part B: Content of the Course</b>		
No. of Teaching-learning Periods (1 hour per period : 45 Periods (45 hours))		
Unit	Topics (Course Contents)	No. of Periods
1	<b>Introduction to Textiles</b> Definition of textile fibers and terminology Classification of textile fibers Physical and Chemical properties of fibers. Natural fibers (Morphology, production, properties and end uses) - Cellulosic fibers (Cotton, Jute)	12
2	<b>Fibers</b> Natural fibers (Morphology, production, properties and end uses) - Protein fibers (Silk, Wool) Man-made fibers: (Manufacturing process, properties and end uses) - Viscose Rayon - Acetate Rayon - Nylon - Polyester - Acrylic - Elastomeric	11

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 J. B. Byee

3	<b>Yarn and Fabric</b> Yarns - Classification of yarns: simple, ply and cord - Types and properties of yarn - Twist in yarn: "s" and "z", number of twist Woven fabrics - Looms and its part - Classification Basic weaves Plain, Twill, Satin - Novelty weaves – Pile, Leno, Honeycomb - Other methods of fabric construction.	11
4	<b>Coloration and Finishing of Textiles</b> Dyes - Terms related to dyes, Classification of dyes - Direct, Acid, Basic and Reactive dyes Printing - Styles of printing, Modern methods of printing - Pre-preparation for printing (printing paste, printing table) Finishing- Basic finishes, Special finishes	11

**Keywords:** Textile terminology, properties of fibres, classification of fibre-natural and synthetics, yarn types, twist in yarn, classification of weaves, fabric construction, dyes, printing, finishing.

### Part C: Learning Resources

Text Books, Reference Books, Other Resources

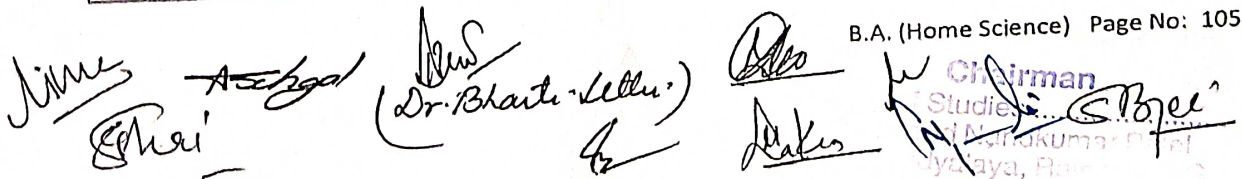
#### Text Book

- डॉ गंजु पाटनी, (2022) वस्त्र विज्ञान एवं परिधान का परिचय - Edition, Star Publication.
- Textile Science: an explanation of fiber properties - Gohl, E., Vile sky, L., 2 edition, New Age International Publishing.
- डॉ बक्शी, वस्त्र विज्ञान एवं परिधान का परिचय - 2<sup>nd</sup> Edition, Vinod Pustak Mandir.
- डॉ शिप्रा बैनर्जी, (2018), तंतु एवं वस्त्र विज्ञान - छ. ग. हिन्दी ग्रंथ अकादमी
- Fundamentals of Textiles and their care - Sushila Dhantyaagi, 5<sup>th</sup> Edition, Orient Black Swan.
- Textile testing and analysis - Collier, B.J., & Epps, H.H. 1998 Edition, Prentice Hall Publishers
- Booth, J.E. (1996). *Principles of Textile Testing*. New Delhi: CBS Publishers & Distributors Pvt. Ltd.
- Corbman, P.B. (1983). *Textiles: Fibre to Fabric*. McGraw-Hill Publishers.
- Collier, B.J., & Epps, H.H. (1998). *Textile testing and analysis*. Prentice Hall Publishers.
- Dantyaagi, S. (1996). *Fundamentals of Textiles and their Care*. India: Orient Black swan Private Limited.
- D'Souza, N. (2014). *Fabric Care*. New Delhi: New Age International Publishers.
- Greaves, P.H., Saville, B. P. (1995). *Microscopy of textile fibres*. bios Scientific Publishers
- Gohl, E., Vile sky, L. (2003), *Textile Science: an explanation of fiber properties* (2 edition), New

#### Other Resources:

- Manmade Fiber: <https://youtu.be/Nplhszsvi6y>
- Synthetic Fiber Nylon: <https://youtu.be/Wzhvqe3movi>

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- Animal Fiber Silk: <https://youtu.be/X6mjzfhtygy>
- Animal Fiber Wool: <https://youtu.be/Kdrsko1yr88>
- Classification Of Fiber: <https://youtu.be/Uvcoio2qefg>
- Methods Of Printing: <https://youtu.be/19s-Zdufeo8>
- Study Of Yarn: <https://youtu.be/-Fhgijuaqzo>
- Fabric Construction: <https://youtu.be/Upwklpca5w8>
- Mechanical Finishes: <https://youtu.be/Vwkvkrllkpt8>
- Chemical Finishes: <https://youtu.be/B6xaduge1w8>
- Study Of Dyes: <https://youtu.be/6ortgd1mua4>

Bandhej, Lahariya <https://docs.google.com/presentation/d/1YB4AZ398BgNfvxGqnJodPva2VG7O4ZUVmtLBBiUYq3s/edit?usp=sharing>

### Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks

Continuous Internal Assessment (CIA): 30 Marks

End Semester Exam (ESE): 70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment / Seminar - 10 Total Marks - 30	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1 Objective-10x1=10 Mark; Q2.Short answer type-5x4=20 Marks Section B: Descriptive answer type qts.1 out of 2 from each unit-4x10=40 Marks	

Name and Signature of Convener & Members of CBoS:

*Shree A. Sehgal*  
*(D.A. Amrita Sehgal)*

*B. S.*

*A. S.*

*S. P. Jee*

*Jim*

*J. K.*

*A. K.*

*Chairman*

Shaheed Nandkumar Patel  
Vishwavidyalaya, Raigarh (C.G.)

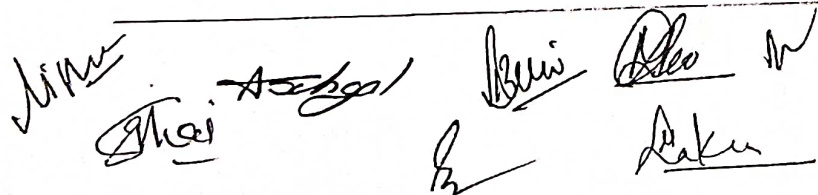
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**FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)**  
**Department of Home Science**  
**Course Curriculum**

<b>PART- A: Introduction</b>		
<b>Program: Bachelor in Arts</b> <i>(Certificate/Diploma/Degree/Honors)</i>		<b>Semester -I</b>
<b>Session: 2024-2025</b>		
1	<b>Course Code</b>	HSGE-01P
2	<b>Course Title</b>	<b>INTRODUCTION TO TEXTILES (PRACTICAL)</b>
3	<b>Course Type</b>	Generic Elective (Practical)
4	<b>Pre-requisite (if, any)</b>	<i>As per requirement</i>
5	<b>Course Learning Outcomes (CLO)</b>	<ul style="list-style-type: none"> <li>Develop an understanding of concepts and basics of textiles.</li> <li>Understands and define the key textile terms.</li> <li>Develop critical understanding of the techniques of yarn and fabric manufacture.</li> <li>Identify the fibres, yarn and fabrics for its appropriate use.</li> <li>Analyze and asses dyed and printed textiles.</li> <li>Recommend the dyes, printing and finishing of textiles for specific use.</li> </ul>
6	<b>Credit Value</b>	1 Credits <i>1 Credit =30 Hours Laboratory or-Field learning/Training</i>
7	<b>Total Marks</b>	Max. Marks: 50 Min Passing Marks: 20
<b>PART -B: Content of the Course</b>		
<b>Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)</b>		
<b>Module</b>	<b>Topics (Course contents)</b>	<b>No. of Period</b>
<b>Lab./Field Training/ Experiment Contents of Course</b>	<ol style="list-style-type: none"> <li>1. Identification of textile fibers: <ul style="list-style-type: none"> <li>Visual test / Microscopic test</li> <li>Burning test /Chemical test</li> </ul> </li> <li>2. Weaves and their variations: <ul style="list-style-type: none"> <li>Plain weave / Twill weave</li> <li>Satin &amp; Sateen weave</li> <li>Honeycomb &amp; Birdseye weave</li> </ul> </li> <li>3. Handloom center visit</li> <li>4. Fiber sample collection</li> <li>5, Prepare printing samples</li> <li>6. Prepare Tie &amp; dye sample</li> </ol>	30
<b>Keywords</b>	Textile terminology, properties of fibres, classification of fibre-natural and synthetics, yarn types, twist in yarn, classification of weaves, fabric construction , dyes, printing, finishing.	

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ya, Raigarh (C.G.)





## PART-C: Learning Resources

### Text Books, Reference Books and Others

#### Text Books Recommended –

- वस्त्रविज्ञान एवं परिधानका परिचय - डॉ. अंजु पाटनी, 2022 Edition, Star Publication.
- Textile Science: an explanation of fiber properties - Gohl, E., Vile sky, L., 2 edition, New Age International Publishing.
- वस्त्रविज्ञान एवं परिधानका परिचय - डॉ. नवनी, 2<sup>nd</sup> Edition, Vinod Pustak Mandir.
- तंतु एवं वस्त्रविज्ञान - डॉ. शिवाजी नर्जी
- Fundamentals of Textiles and their care - Sushila Dhantayagi, 5<sup>th</sup> Edition, Orient Black Swan.
- Textile testing and analysis - Collier, B.J., & Epps, H.H. 1998 Edition, Prentice Hall Publishers
- Booth, J.E. (1996). *Principles of Textile Testing*. New Delhi: CBS Publishers & Distributors Pvt. Ltd.
- Corbman, P.B. (1983). *Textiles: Fibre to Fabric*. McGraw-Hill Publishers.

## PART -D: Assessment and Evaluation

### Suggested Continuous Evaluation Methods:

Maximum Marks: 50 Marks

Continuous Internal Assessment (CIA): 15 Marks

End Semester Exam (ESE): 35 Marks

Continuous Internal Assessment (CIA) – (By Course Teacher)

Internal Test / Quiz - (2): 10 & 10  
Assignment / Seminar + Attendance - 05  
Total Marks - 15

Better marks out of the two Test / Quiz  
+ obtained marks in Assignment shall be  
considered against 15 Marks

End Semester Exam (ESE):

Laboratory / Field Skill Performance: On spot Assessment  
D. Performed the Task based on lab. work - 20 Marks  
E. Spotting based on tools & technology (written) - 10 Marks  
F. Viva-voce (based on principle/technology) - 05 Marks

Managed by  
Course teacher  
as per lab. status

Name and Signature of Convener & Members of CBoS:

A School  
(Dr. Amrita School)

Shree

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Shree

Shree  
Nandkumar Patel  
Vishwavidyalaya, Raigarh (C.G.)

Officer-in-Charge (Vishwavidyalaya)  
Shaheed Nandkumar Patel  
Vishwavidyalaya, Raigarh (C.G.)

**FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)**  
**Department of Home Science**  
**Course Curriculum**

Part A: Introduction		Semester: II	Session: 2024-2025
1	Course Code	HSGE – 02T	
2	Course Title	EXTENSION EDUCATION	
3	Course Type	Generic Elective	
4	Pre-requisite(if any)	As per Program	
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to.. <ul style="list-style-type: none"> <li>• Explains the Concept of developing communication skills.</li> <li>• Describes the process of communication.</li> <li>• Analyze soft skill development for proper communication.</li> <li>• They understand E-Learning for communication.</li> <li>• Explained the various method to reach individual and mass</li> </ul>	
6	Credit Value	3 C	1 Credit = 15 Hours - learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks : 40

Part B: Content of the Course		
No. of Teaching-learning Periods (1 hour per period : 45 Period (45 hours))		
Unit	Topics (Course Contents)	No. of Periods
1	<b>Introduction of Home Science Extension Education:</b> Home Science-Concepts, goals and Areas of Home Science & their inter relationship with extension, Principles and methods of home science extension education general concepts of extension work, Objectives of extension education qualities to extension workers, extension education process.	12
2	<b>Community Development:</b> Principles of community development, organization and function of community development, Role of home scientists in community development programs of extension education for community. Programs of community development at central, state, district, block and village level. Family planning program, Community problems, rural indebtedness unemployment.	11
3	<b>Teaching methods &amp; aids:</b> Methods of learning - Discussion, demonstration, lecture, experimental, observation and their application to home science teaching, Scope and use in Home Science teaching. Extension Methods- their scope advantages and application <b>Attitude towards Home Science:</b> Attitudes towards Home Science, Motivation towards Home science, Application of Home Science towards improvement in family living. Job opportunities in Home Science. National and International agencies, Official organization - W.H.O. FAG, CARE, ICAR ICDS, ICSSR, ICMR, IRDP; Adult education Home Science Association of India. <b>Curriculum Planning in Home Science:</b> Basic concept of curriculum planning	11

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*(Handwritten signatures and names)*



	components of curriculum, planning implementation evolution and improvement required in the existing System of Home Science, Education policy and its relevance to Home Science Program planning concept, Principles objectives and steps in program planning.	
4	<p>Extension Education- Concepts, nature, history and philosophy of extension.</p> <ul style="list-style-type: none"> <li>Objective, principles, and scope of extension</li> <li>Characteristics and nature of extension work, extension education and extension service</li> </ul> <p>Extension approaches and methods-classification, characteristics and selection Audio-Visual aids, teaching aids in extension concept, classification, characteristics and importance</p>	11
<p><b>Keywords:</b> Goals of Home Science Education, Planning for Home Science Education, Link of Various agencies for Home science, Curriculum Planning in Home Science.</p>		

<b>Part C: Learning Resources</b>	
Text Books, Reference Books, Other Resources	
<b>Text Book</b>	
<ul style="list-style-type: none"> <li>Communication And Instructional Technology – Indu Grover, Sushma Kaushik, 1st Edition Agrotech Publishing Academy .</li> <li>Extension communication &amp; Management- G.L. Ray, 1st Edition , Kalyani Publishers.</li> <li>Communication And Extension Management- Dr. Jitendra Chauhan, 2nd Edition, Kushal Publication.</li> <li>Rural Development principles policies &amp; management- Kartar Singh, 3rd Edition , Sage Publications India Pvt Ltd.</li> <li>Extension education &amp; communication V.K. Dubey, Indira Bishnoi, 1st Edition, New Age International Publishers.</li> <li>Education and communication for Development by O P Dhama 2nd Edition , Oxford &amp; Ibh Publishing</li> <li>An Introduction To Extension Education- SV Supe, 2nd Edition , Oxford &amp; Ibh Publishing.</li> <li>A Study of Rural Economics - Systems Approach- Vasant Desai, Himalaya Publishing House, New Delhi.</li> <li>SWAYAM portal based course Information and Communication technology- Dr. Aprajita Bhatt</li> <li>SWAYAM portal based course Home science- Extension and Communication management level-1 course no.43</li> </ul>	
<b>Other Resources-</b>	
<ul style="list-style-type: none"> <li><a href="https://youtu.be/-bW8gYvOIGM">https://youtu.be/-bW8gYvOIGM</a></li> <li><a href="https://youtu.be/c7fQOnlyV6s">https://youtu.be/c7fQOnlyV6s</a></li> <li><a href="https://youtu.be/6E15S2wpBlk">https://youtu.be/6E15S2wpBlk</a></li> <li><a href="https://youtu.be/oCJ4NIzch7w">https://youtu.be/oCJ4NIzch7w</a></li> <li><a href="https://youtu.be/vOVmKlgSC-s">https://youtu.be/vOVmKlgSC-s</a></li> <li><a href="https://youtu.be/NKOlOMVNZdO">https://youtu.be/NKOlOMVNZdO</a></li> </ul>	

Officer-in-Charge (Academic)  
 Shahood Nandkumar Patel  
 Vishwavidyalaya, Raigarh (C.G.)


*Amu*  
*Shree*  
*Arjun*  
*Benu*  
*Devi*  
*Arun*


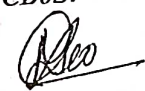
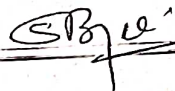
B.A. (Home Science) Page No: 110

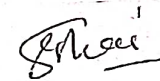


**Chairman**  
 Studies ...  
*Shree*

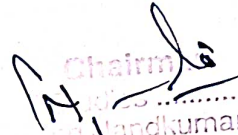
Part D: Assessment and Evaluation		
Suggested Continuous Evaluation Methods:		
Maximum Marks:	100 Marks	
Continuous Internal Assessment (CIA):	30 Marks	
End Semester Exam (ESE):	70 Marks	
Continuous Internal Assessment(CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment / Seminar - 10 Total Marks - 30	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1 Objective-10x1=10 Mark; Q2.Short answer type-5x4=20 Marks Section B: Descriptive answer type qts.1 out of 2 from each unit-4x10=40 Marks	

Name and Signature of Convener & Members of CBoS:

  
 (Dr. Amrita Sehgal)



Officer-in-Charge (Convener)  
 Shri. N. N. Patel  
 Vishwavidyalaya, Raigarh (C.G.)

Chairman  
 Dr. Sandkumar Patel  
 Vishwavidyalaya, Raigarh (C.G.)



**FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)**  
**Department of Home Science**  
**Course Curriculum**

<b>PART- A: Introduction</b>		
<b>Program: Bachelor in Arts</b> (Certificate / Diploma / Degree)		<b>Semester -II</b>
<b>Session: 2024-2025</b>		
1	<b>Course Code</b>	HSGE-02P
2	<b>Course Title</b>	EXTENSION EDUCATION( PRACTICAL )
3	<b>Course Type</b>	Generic Elective (Practical)
4	<b>Pre-requisite (if, any)</b>	As per requirement
5	<b>Course Learning Outcomes (CLO)</b>	<p>At the end of this course, the students will be enable to..</p> <ul style="list-style-type: none"> <li>Explains the Concept of developing communication skills.</li> <li>Describes the process of communication.</li> <li>Analyze soft skill development for proper communication.</li> <li>They understand E-Learning for communication.</li> </ul> <p>Explained the various method to reach individual and mass</p>
6	<b>Credit Value</b>	<p style="text-align: center;">I-Credits</p> <p style="text-align: center;"><del>1 Credit</del> = 30 Hours Laboratory or Field learning/Training</p>
7	<b>Total Marks</b>	<p>Max. Marks: 50</p> <p>Min Passing Marks: 20</p>
<b>PART -B: Content of the Course</b>		
<b>Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)</b>		
<b>Module</b>	<b>Topics (Course contents)</b>	<b>No. of Period</b>
<b>Lab./Field Training/ Experiment Contents of Course</b>	<p>6. Manufacturing of audiovisual equipment</p> <p>7. Aganbadivisit</p> <p>8. Getting information about operated schemes</p> <p>9. Making chart post flash cards for cleanliness awareness and promotion.</p> <p>10. To find out the food related problems prevalent in the society at local level and make efforts to remove them.</p>	30
<b>Keywords</b>	Goals of Home Science Education, Planning for Home Science Education, Link of Various agencies for Home science, Curriculum Planning in Home Science.	

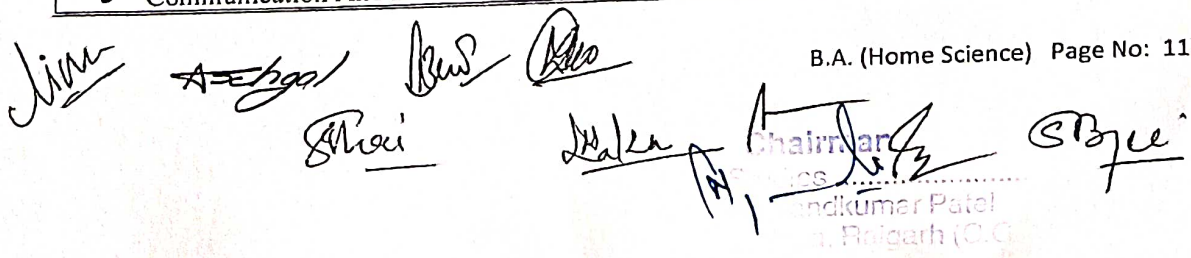
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**Text Books, Reference Books and Others**

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- Extension communication & Management- G.L. Ray, 1st Edition , Kalyani Publishers, Raigarh (C.G.)
- Communication And Extension Management- Dr. Jitendra Chauhan, 2nd Edition, Kushal

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Chairperson  
 Sandkumar Patel  
 Raigarh (C.G.)

Publication.

- Rural Development principles policies & management- Kartar Singh, 3rd Edition, Sage Publications India Pvt Ltd.
- Extension education & communication V.K. Dubey, Indira Bishnoi, 1st Edition, New Age International Publishers.
- Education and communication for Development by O P Dhama 2nd Edition, Oxford & Ibh Publishing

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		A. Performed the Task based on lab. work - 20 Marks
		B. Spotting based on tools & technology (written) - 10 Marks
		C. Viva-voce (based on principle/technology) - 05 Marks
		Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 15 Marks
		Managed by Course teacher as per lab. status

Name and Signature of Convener & Members of CBOS:

*A. Singh*  
(Co-Convener)

*Sharma*

*Sharma*

*Sharma*

*Sharma*

*Sharma*

*Sharma*

Officer-In-Charge (Academic)  
Shahed Nandramar Patel  
Vishwavidyalaya, Raigarh (C.G.)