

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 – 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"> Develop an understanding of concepts and basics of textiles. Understands and define the key textile terms. Develop critical understanding of the techniques of yarn and fabric manufacture. Identify the fibres, yarn and fabrics for its appropriate use. Analyze and asses dyed and printed textiles. Recommend the dyes, printing and finishing of textiles for specific use. 	
6	Credit Value	3 Credits	1 Credit = 15 Hours Teaching - 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 Periods (45 hours)		
Unit	Topics (Course Contents)	No. of Periods
1	Introduction to Textiles 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	Fibers 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

3	Yarn and Fabric 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	Coloration and Finishing of Textiles 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	<ul style="list-style-type: none"> डॉ मंजु 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 - 2nd Edition, Vinod Pustak Mandir. डॉ शिप्रा बैनर्जी, (2018), तंतु एवं वस्त्र विज्ञान - छ. ग. हिन्दी ग्रंथ अकादमी Fundamentals of Textiles and their care - Sushsila Dhantyagi, 5th Edition, Orient Black Swan. Textile testing and analysis - Collier, B.J., & Epps, H.H. 1998 Edition, Prentice Hall Publishers Booth, J.E. (1996). <i>Principles of Textile Testing</i>. New Delhi: CBS Publishers & Distributors Pvt. Ltd. Corbman, P.B. (1983). <i>Textiles: Fibre to Fabric</i>. McGraw-Hill Publishers. Collier, B.J., & Epps, H.H. (1998). <i>Textile testing and analysis</i>. Prentice Hall Publishers. Dantyagi, S. (1996). <i>Fundamentals of Textiles and their Care</i>. India: Orient Black swan Private Limited. D'Souza, N. (2014). <i>Fabric Care</i>. New Delhi: New Age International Publishers. Greaves, P.H., Saville, B. P. (1995). <i>Microscopy of textile fibres</i>. bios Scientific Publishers Gohl, E., Vile sky, L. (2003), <i>Textile Science: an explanation of fiber properties</i> (2 edition), New
Other Resources:	<ul style="list-style-type: none"> Manmade Fiber: https://youtu.be/Nplhszsvj6y Synthetic Fiber Nylon: https://youtu.be/Wzhvqe3movi

- Animal Fiber Silk: <https://youtu.be/X6mjzfhdyg>
- 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/Vwkvkrkpt8>
- 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

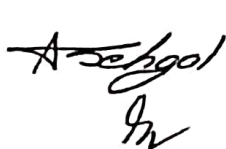
Continuous Internal Assessment (CIA): 30 Marks

End Semester Exam (ESE): 70 Marks

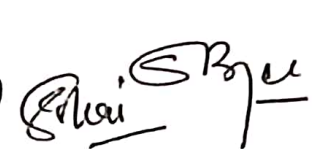
Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment / Seminar - 10 Total Marks - 30	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1 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	

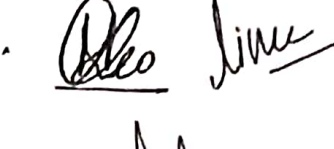
Name and Signature of Convener & Members of CBoS:





(Dr. Bharti Vellu)

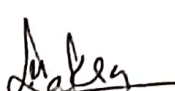












FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)

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)	<i>As per requirement</i>
5	Course Learning Outcomes (CLO)	<ul style="list-style-type: none"> • Develop an understanding of concepts and basics of textiles. • Understands and define the key textile terms. • Develop critical understanding of the techniques of yarn and fabric manufacture. • Identify the fibres, yarn and fabrics for its appropriate use. • Analyze and asses dyed and printed textiles. • Recommend the dyes, printing and finishing of textiles for specific use.
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"> • Visual test / Microscopic test • Burning test /Chemical test 2. Weaves and their variations: <ul style="list-style-type: none"> • Plain weave / Twill weave • Satin & Sateen weave • Honeycomb & Birdseye weave 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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PART-C: Learning Resources**Text Books, Reference Books and Others****Text Books Recommended –**

- वस्त्रविज्ञान एवं परिधान का परिचय - डॉ. मंजु 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 परिधान का परिचय - डॉ. बक्शी, 2nd Edition, Vinod Pustak Mandir.
- तंतु एवं वस्त्र विज्ञान - डॉ. शिवाजी
- Fundamentals of Textiles and their care - Sushila Dhantyagi, 5th 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.

Online Resources–

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

Online Resources–





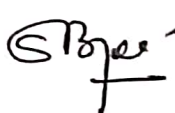




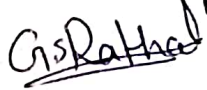
- e-Resources / e-books and e-learning portals

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 -	

- 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

 Name and Signature of Convener & Members of CBoS:

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 – VIII/V	Session:2024-2025
1	CourseCode	HSVAC-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"> Know the principles of preservation behind the methods of preservation Understand the stages of sugar cookery, quality of pectin and acidity in the development of preserved food products Acquire skills to formulate food-based products Explore the principles of preservation in fruits and vegetables-based products Skills to prepare cereals and pulse based preserved products and develop new products with retention of quality 	
6	CreditValue	2Credits	Credit = 15 Hours - learning & Observation
7	TotalMarks	Max.Marks:50	MinPassingMarks:20
PART-B: Content oftheCourse			
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	<ul style="list-style-type: none"> Importance of Food Preservation, Types of Food spoilage by Micro organisms and by Enzymes Basic Principles of Food Preservation Food preservatives- Use of Salt, Acid, Sugar, natural food preservatives and artificial preservatives 	08
II	Preparation of dehydrated products	<ul style="list-style-type: none"> Methods of drying & dehydration , different types of driers, freeze drying- lyophilisation , packing & storage Drying methods. Preparation of salted, dehydrated, preserves (Traditional Indian varieties of chips, Papads, Khakharasetc and Masala Powders, onion, garlic, ginger powder etc) Hands on experience :Drying of vegetables- peas, potato, carrot, French beans, Reconstitution of dried vegetables, Drying & preparation of powders- garlic, ginger, spices mix etc 	07

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

TextBooks, Reference Books and Others

TextBooks 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-prservation/>
3. Principle of the food processing & preservation- simple book Publishing: <https://ebooks.inlibnet.ac.in/ftpl/>

Online Resources–

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

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PART -D: Assessment and Evaluation		
Suggested Continuous Evaluation Methods:		
Maximum Marks:	50 Marks	
Continuous Internal Assessment(CIA):	15 Marks	
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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
 CD. Anita Singh
 S. Singh
 G. R. Khad
 H. Singh
 A. Singh
 A. Singh
 S. Singh
 J. Singh

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	HSGE – 01T	
2	Course Title	INTRODUCTION TO TEXTILES	
3	Course Type	Generic Elective	
4	Pre-requisite(if any)	As per Program	
5	Course Learning Outcomes (CLO)	<ul style="list-style-type: none"> • Develop an understanding of concepts and basics of textiles. • Understands and define the key textile terms. • Develop critical understanding of the techniques of yarn and fabric manufacture. • Identify the fibres, yarn and fabrics for its appropriate use. • Analyze and asses dyed and printed textiles. • Recommend the dyes, printing and finishing of textiles for specific use. 	
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Part B: Content of the Course		
No. of Teaching-learning Periods (1 hour per period : 45 Periods (45 hours))		
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1	Introduction to Textiles 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	Fibers 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



- Animal Fiber Silk: <https://youtu.be/X6mizfhtygy>
- Animal Fiber Wool: <https://youtu.be/Kdrsko1yr88>
- Classification Of Fiber: <https://youtu.be/Uvcoio2gefz>
- 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/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:

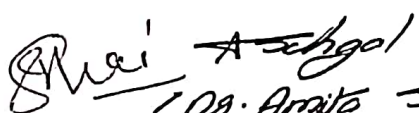
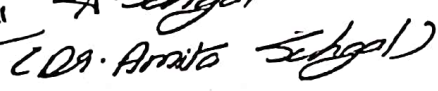

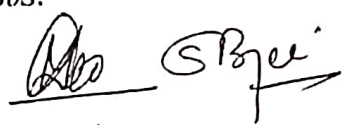

Maximum Marks: 100 Marks





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:

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	HSGE-01P
2	Course Title	INTRODUCTION TO TEXTILES (PRACTICAL)
3	Course Type	Generic Elective (Practical)
4	Pre-requisite (if, any)	<i>As per requirement</i>
5	Course Learning Outcomes (CLO)	<ul style="list-style-type: none"> • Develop an understanding of concepts and basics of textiles. • Understands and define the key textile terms. • Develop critical understanding of the techniques of yarn and fabric manufacture. • Identify the fibres, yarn and fabrics for its appropriate use. • Analyze and asses dyed and printed textiles. • Recommend the dyes, printing and finishing of textiles for specific use.
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"> • Visual test / Microscopic test • Burning test /Chemical test 2. Weaves and their variations: <ul style="list-style-type: none"> • Plain weave / Twill weave • Satin & Sateen weave • Honeycomb & Birdseye weave 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.	

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended -

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- Textile Science: an explanation of fiber properties - Gohl, E., Vile sky, L., 2 edition, New Age International Publishing.
- वस्त्रविज्ञान एवंपरिधानकापरिचय - डॉबक्शी, 2nd Edition, Vinod Pustak Mandir.
- तंतुएववस्त्रविज्ञान - डॉशिप्राधैनर्जी
- Fundamentals of Textiles and their care - SushsilaDhantayagi. 5th 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(ES):	35 Marks
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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:

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(Dr. Amita Sehgal)

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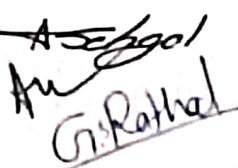


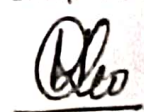
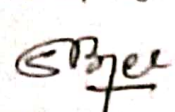

Jim

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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	Session: 2024-2025
1	Course Code	HSSC – 02T	
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 enable to.. <ul style="list-style-type: none"> • Explains the Concept of developing communication skills. • Describes the process of communication. • Analyze soft skill development for proper communication. • They understand E-Learning for communication. • Explained the various method to reach individual and mass 	
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












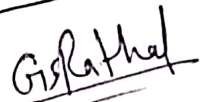









	components of curriculum, planning Implementation evolution and improvement required in the existing System of Home Science, Education policy and its relevance to Home Science Program planning concept, Principles objectives and steps in program planning.	
4	<p>Extension Education- Concepts, nature, history and philosophy of extension.</p> <ul style="list-style-type: none"> • Objective, principles, and scope of extension • Characteristics and nature of extension work, extension education and extension service <p>Extension approaches and methods-classification, characteristics and selection Audio-Visual aids, teaching aids in extension concept, classification, characteristics and importance</p>	11
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, Other Resources	
Text Book	<ul style="list-style-type: none"> • 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, Kushal 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 • An Introduction To Extension Education- SV Supe, 2nd Edition , Oxford & Ibh Publishing. • A Study of Rural Economics - Systems Approach- Vasant Desai, Himalaya Publishing House, New Delhi. • SWAYAM portal based course Information and Communication technology- Dr. Aprajita Bhatt • SWAYAM portal based course Home science- Extension and Communication management level-1 course no.43
Other Resources–	<ul style="list-style-type: none"> • https://youtu.be/-bW8gYwOIGM • https://youtu.be/c7fQOnIyV6s • https://youtu.be/6EI5S2wpBlk • https://youtu.be/oCJ4NIzch7w • https://youtu.be/vOVmKlgSCzs • https://youtu.be/NKQIQMVNZdQ

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:

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

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"> Explains the Concept of developing communication skills. Describes the process of communication. Analyze soft skill development for proper communication. They understand E-Learning for communication. 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"> 1. Manufacturing of audiovisual equipment 2. Aganbadivisit 3. Getting information about operated schemes 4. Making chart post flash cards for cleanliness awareness and promotion. 5. To find out the food related problems prevalent in the society at local level and make efforts to remove them. 	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 – <ul style="list-style-type: none"> 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, Kushal

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"> 1. Identifyand usecembroiderytools followingsafety precautions. 2. Meticuloususestitchesandtrimmings 3. Translatedesignideasonstofabric. 4. Use theIndian Embroidery, paintingand printingfordevelopingproducts 5. Access,analyze,evaluateanduseinformationfromavarietyofsources,w orkcollaborativelywithothersto achieveindividual and collectivegoals. 6. Confidenceindevelopingtheirrowndesigns. 	
6	CreditValue	2 Credits (01CT+01CP)	Credit= 15Hours–Theoretical learning OR = 30 Hours LaboratoryorFieldlearning/Training
7	TotalMarks	Max.Marks: 50	MinPassingMarks: 20

PART-B: ContentoftheCourse

TotalNo.of Teaching–learningPeriods:		
Theory–15Periods(15Hrs)andLab.orFieldlearning/Training30Periods(30Hours)		
Module	Topics(Coursecontents)	No.of Period
Theory Contents	<p>Introduction</p> <ul style="list-style-type: none"> • Value addition to Textiles Trimmings and decorations, Painting and Printing, Patch & Quilting. • Essentials of Surface ornamentation Materials, tools, design enlargement and reduction, design placement and transfer <p>Embroidery</p> <ul style="list-style-type: none"> • Preparation of samples: Hand Embroidery Product development • Home decor Items with Hand Embroidery (minimum two) • Accessories with Hand Embroidery (minimum two) <p>Ornamentation with colours</p> <ul style="list-style-type: none"> • Garment restyling with Fabric Painting • Printing on Table Cloth / Stole • Block and stencil printing on fabric <p>Decorative trimmings</p> <ul style="list-style-type: none"> • Ari work with bead, sequin, mirror. 	15

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"> 1. Identifyand uscembroiderytools followingssafetyprecautions. 2. Meticuloususestitchesandtrimmings 3. Translatedesignideasonstofabric. 4. UsetheIndian Embroidery, paintingand printingfordevelopingproducts 5. Access,analyze,evaluateanduseinformationfromavarietyofsources,w orkcollaborativelywithothersto achieveindividual and collectivegoals. 6. Confidenceindevelopingtheirowndesigns. 	
6	CreditValue	2 Credits (01CT+01CP)	Credit= 15Hours–Theoretical learning OR = 30 Hours LaboratoryorFieldlearning/Training
7	TotalMarks	Max.Marks: 50	MinPassingMarks: 20
PART-B: ContentoftheCourse			
TotalNo.of Teaching–learningPeriods:			
Theory–15Periods(15Hrs)andLab.orFieldlearning/Training30Periods(30Hours)			
Module	Topics(Coursecontents)		No.of Period
Theory Contents	<p>Introduction</p> <ul style="list-style-type: none"> • Value addition to Textiles Trimmings and decorations, Painting and Printing, Patch & Quilting. • Essentials of Surface ornamentation Materials, tools, design enlargement and reduction, design placement and transfer <p>Embroidery</p> <ul style="list-style-type: none"> • Preparation of samples: Hand Embroidery Product development • Home decor Items with Hand Embroidery (minimum two) • Accessories with Hand Embroidery (minimum two) <p>Ornamentation with colours</p> <ul style="list-style-type: none"> • Garment restyling with Fabric Painting • Printing on Table Cloth / Stole • Block and stencil printing on fabric <p>Decorative trimmings</p> <ul style="list-style-type: none"> • Ari work with bead, sequin, mirror. 		15

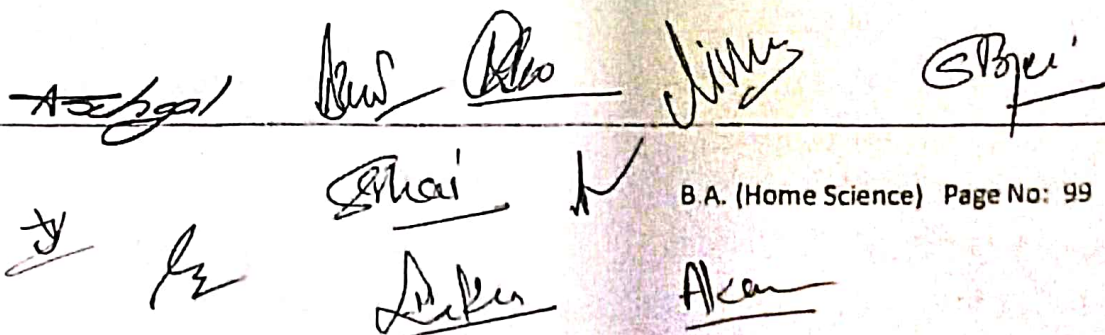
	<ul style="list-style-type: none"> • Zardosi border • Trims and other decorative items: shells, beads, stones, buttons, cords • Other techniques: Layering, Patch work, cording, weaving, draw thread 	
Lab./Field Training Contents	<p>Project: Product development based on the techniques explored in the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

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

- Abing, B., (2006), Marker rendering for fashion, accessories and home fashions, Fairchild publications, New York.
- Abing, 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.
- Skull J., (1988), Key terms in art craft and design, Elbrook press, Australia.



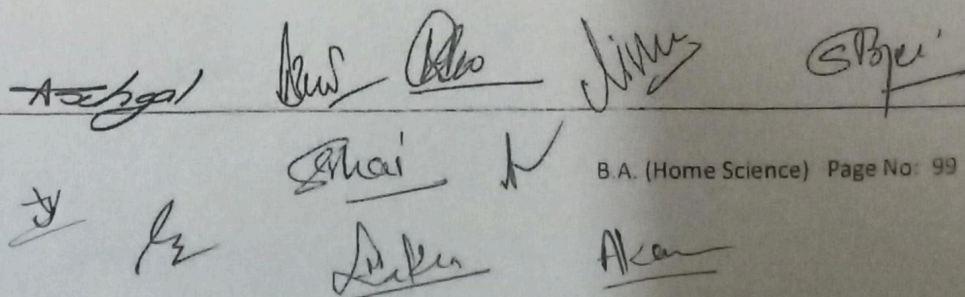
	<ul style="list-style-type: none"> • Zardosi border • Trims and other decorative items: shells, beads, stones, buttons, cords • Other techniques: Layering, Patch work, cording, weaving, draw thread 	
Lab./Field Training Contents	<p>Project: Product development based on the techniques explored in the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

PART-C: Learning Resources

Text Books, Reference Books and Others

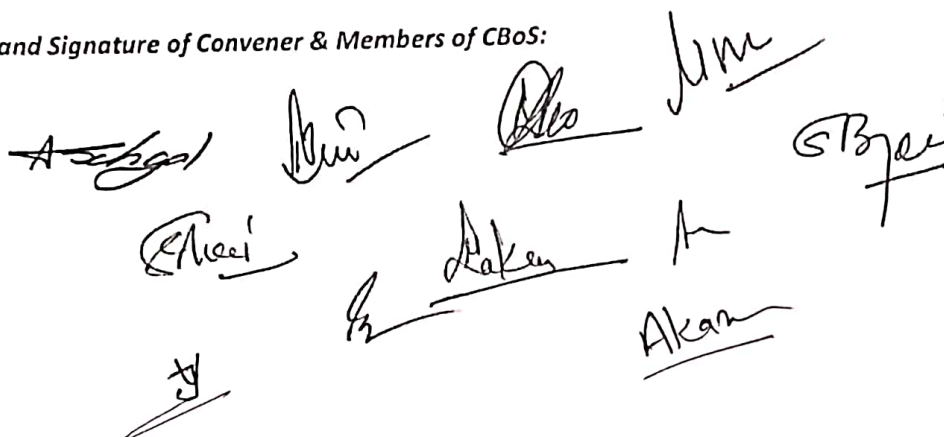
Text Books Recommended –

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- Abbing, 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.
- Skull J., (1988), Key terms in art craft and design, Elbrook press, Australia.



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 - 05 Total Marks - 1	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:



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

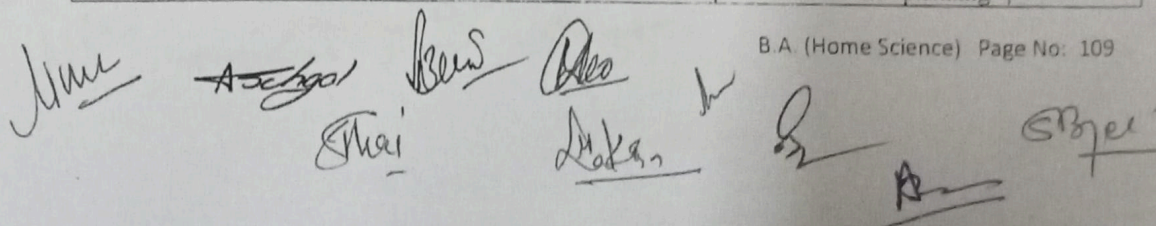
Part A: Introduction			
(Certificate/Diploma/Degree/Honors)		Semester: II	Session: 2024-2025
1	Course Code	HISGE – 02T	
2	Course Title	EXTENSION EDUCATION	
3	Course Type	Generic Elective	
4	Pre-requisite(if any)	As per Program	
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to.. <ul style="list-style-type: none"> Explains the Concept of developing communication skills. Describes the process of communication. Analyze soft skill development for proper communication. They understand E-Learning for communication. Explained the various method to reach individual and mass 	
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

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

Part A: Introduction			
(Certificate/Diploma/Degree/Honors)		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"> Explains the Concept of developing communication skills. Describes the process of communication. Analyze soft skill development for proper communication. They understand E-Learning for communication. Explained the various method to reach individual and mass 	
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)		
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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



	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"> Objective, principles, and scope of extension Characteristics and nature of extension work, extension education and extension service <p>Extension approaches and methods-classification, characteristics and selection Audio-Visual aids, teaching aids in extension concept, classification, characteristics and importance</p>	11

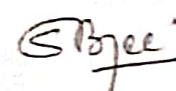
Keywords: Goals of Home Science Education, Planning for Home Science Education, Link of Various agencies for Home science, Curriculum Planning in Home Science.

Part C: Learning Resources	
Text Books, Reference Books, Other Resources	
<p>Text Book</p> <ul style="list-style-type: none"> 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, Kushal 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 An Introduction To Extension Education- SV Supe, 2nd Edition , Oxford & Ibh Publishing. A Study of Rural Economics - Systems Approach- Vasant Desai, Himalaya Publishing House, New Delhi. SWAYAM portal based course Information and Communication technology- Dr. Aprajita Bhatt SWAYAM portal based course Home science- Extension and Communication management level-1 course no.43 <p>Other Resources–</p> <ul style="list-style-type: none"> https://youtu.be/-bW8gYwOIGM https://youtu.be/c7fQOnlyV6s https://youtu.be/6EI5S2wpBlk https://youtu.be/oCJ4NIzch7w https://youtu.be/vOVmKIgSC'zs https://youtu.be/NKQIOMVNZdO 	


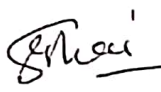














Part D: Assessment and Evaluation		
Suggested Continuous Evaluation Methods:		
Maximum Marks:	100 Marks	
Continuous Internal Assessment (CIA):	30 Marks	
End Semester Exam (ESE):	70 Marks	
Continuous Internal Assessment(CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment / Seminar - 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. Amita Sehgal)










FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)

Department of Home Science

Course Curriculum

PART- A: Introduction		
Program: Bachelor in Arts <i>(Certificate / Diploma / Degree)</i>		Semester -II
Session: 2024-2025		
1	Course Code	HSGE-02P
2	Course Title	EXTENSION EDUCATION(PRACTICAL)
3	Course Type	Generic Elective (Practical)
4	Pre-requisite (if, any)	<i>As per requirement</i>
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to.. <ul style="list-style-type: none"> • Explains the Concept of developing communication skills. • Describes the process of communication. • Analyze soft skill development for proper communication. • They understand E-Learning for communication. Explained the various method to reach individual and mass
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
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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 –

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

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

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
(Dr. Amito Singh)

Singh

[Signature]

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