00000 000 0000 0000000000000

CHAUDHARY CHARAN SINGH UNIVERSITY



Bachelor of Science Home Science (Effective from ACADEMIC YEAR -2023-24)

Birdy Sharme

0 0 0

But Brul

Syllabus and Scheme of Examination for B.Sc Home Science

B.SC HOME SCIENCE THREE YEAR FULL TIME PROGRAMME



Bung

Brue.

South

Bird Sharna

(

DEPARTMENT OF HOME SCIENCE
FACULTY OF SCIENCE
CHAUDHARY CHARAN UNIVERSITY

C5/

EXORDIUM

The objective of any programme at Higher Education Institute is to prepare their students for the society at large. Chaudhary Charan University envisions all its programmes in the best interest of their students and in this endeavour, it offers a new vision to all its Under-Graduate courses. It imbibes a Learning Outcome-based Curriculum Framework (LOCF) for all its Under Graduate programmes.

The LOCF approach is envisioned to provide a focused, outcome-based syllabus at the undergraduate level with an agenda to structure the teaching-learning experiences in a more student-centric manner. The Under-Graduate Programmes will prepare the students for both, academia and employability.

The new curriculum of B.Sc Home Science will offer the students to gain the requisite knowledge, skills and aptitude in all the areas of Home Science. Home Science has adopted an ecological approach in its curriculum that engages the student through teaching, research and extension. They gain and provide employment in research organizations, food and textile industries, dietetic practice, education and child development domains, accreditation of green buildings, strategic planning and communication technologies. They are prepared to take higher education in their specialization.

Some.

Bun-

(DV

Sand

Birdusharna

0

0

0

0

0

0

0

0

0

0

0

6

0

0

C5/

1. Introduction to B.Sc Home Science

0

Home Science has contributed a great deal towards national development by training students to take up leadership roles in extension and community outreach programs. The students are encouraged to develop a scientific temper. Familiarizing them with the use of newer technologies, methods in family and community linkages and sustainable use of resources for human development are the hallmark of education in Home Science. As a discipline, Home Science integrates the ingredients of the sciences, social sciences and technology to facilitate the study of and enhance the quality of human life. Its approach is therefore inherently interdisciplinary. Traditionally, Home Science has adopted an ecological approach in its curriculum that engages the student through teaching, research and extension. The education process in Home Science underscores the importance of the individual's dynamic relationship with his/her family, community and society as a whole, as well as with the resources in the environment. Higher education learning in Home Science subjects provides students the opportunity to sharpen their capacities with a sense of social responsibility. In contemporary times, Home Scientists promote capacity building of individuals and communities for social and economic empowerment. They train community women and youth from various strata of society for entrepreneurship. Many Home Scientists have done exceptionally well as entrepreneurs themselves. They do not remain job seekers but have also become job creators. They gain and provide employment in research organizations, food and textile industries, dietetic

Birdy Starne But

practice, education and child development domains, accreditation of green buildings, strategic planning and communication technologies.

Years of national and international experience in the field has contributed to the wisdom that all the five windows of opportunity that Home Science offers be opened for i.e. Food and Nutrition, Human Development and Childhood Studies, Resource Management and Design Application, Development Communication and Extension and Fabric and Apparel Sciences. In this course, the students will learn the fundamental principles and foundations of all the five areas.

They are expected to internalize the principle of a Home Scientist, that is, to give back

to the community from which they draw, for sustainable development. This is a major contribution of Home Science in both developed and developing societies.

2. Learning Outcome Based Approach to Curriculum Planning

0

0

6

(

0

2.1 Nature and Extent of the Programme in B.Sc. Home Science

The degree is awarded on the basis of demonstrated achievement of outcomes of knowledge, skill and community interventions and academic standards expected from Home Science. Learning outcomes specify what graduates completing a particular programme of study are expected to know, understand and be able to do at the end of their program of study.

This approach allows for flexibility and innovation in program design and syllabi development, teaching learning process, student assessment at different levels and periodic program review.

2.2 Aims of Bachelor Degree Programme in B.Sc. Home Science

The aims of the B.Sc. Home Science are to:

- Enable students with knowledge, skills, attitudes and values to do community work in all areas of Home Science
- Ensure global competitiveness and excellence in theory and research.
- Prepare the students for master's program in their respective specialisation.
- Train the students to take science from lab to community to improve quality of life of people.

3. Graduate Attributes in B.Sc. Home Science

Some of the characteristics attributes of B.Sc. Home Science include

- Disciplinary Knowledge: Students are able to demonstrate comprehensive knowledge and understanding of major concepts of the five Home Science disciplines (Food & Nutrition, Human Development & Childhood Studies, Fabric & Apparel Science, Development Communication & Extension, Resource Management & Design Application) with support of different allied subjects of Life Science, Physical Science and the Social Science.
- Communication Skills: Development of students' communication skills is encouraged through transaction of various Home Science messages in the community through practical. Students do various assignments that enable them to develop skills in public speaking, writing and effective interpersonal communication. This is a core

BirduSharna

Rame Sande Co

area of the disciplines of Home Science. They listen to the community's needs and ascertain their needs.

- Research related skills: Students develop a scientific temper and a sense of inquiry through various Home Science courses. They have capabilities in asking relevant questions relating to current issues and themes and state hypothesis and rationale for inquiry. Students are capable of using appropriate research methodology especially for understanding community issues in Home Science and reporting the results in different formats. At UG level, they are offered theory and practical in Research Methods for further clarity.
- Cooperation/ team work: Students are capable of effective working in diverse contexts and teams in class rooms, laboratories, industry and the community. They have basic management skills for independently organizing events, resource mobilization and leading community based projects and initiatives.
- Self-directed learning: Students are capable of working independently and are able to apply Home Science concepts in an original & creative manner to solve and manage real life issues in the community and industry.
- · Multicultural competence: Students are confident of working in diverse socio-cultural contexts. They are able to effectively engage with multicultural groups and teams. They have sensitivities of cross-cultural and ethnic diversity which they can apply to different settings. They are able to participate in international student exchange twinning programme. They seek admission in foreign universities and find their basic training exceller

0

0

0

0

0

0

0

0

0

0

0

(3)

- Moral and ethical awareness/ reasoning: Students are sensitized of ethical conduct in different situations (academic and personal). They have skills in understanding and avoiding unethical behavior such as misrepresentation, plagiarism and environmental misuse and violence. They are formally taught ethics of research and human interventions as a part of core paper.
- · Leadership qualities: Students have leadership qualities in organizing teams and their mobilization for effective problem solving in Home Science areas. Students apply creative leadership for realization of various goals. As a leader, they are trained to have greater community sensitivity and connect.
- Lifelong learning: Students are capable of self-directed/ self-paced learning for the continued learning and holistic development for meeting their professional and personal needs in varying environment and changing contexts.

4. Qualification Descriptors for B.Sc. Home Science

Following descriptors indicate the expectations from B.Sc. Home Science -

- · Demonstrate systematic, extensive and coherent knowledge in one of the five disciplines of Home Science namely Food and Nutrition, Human Development and Childhood Studies, Development Communication and Extension, Resource Management and Design Application, and Fabric and Apparel Science.
- Ensure basic understanding of all five areas to be able to work in national development programs with multi-disciplinary acumen.

0

9

Birdusharne Bun - Bounde Co

- Demonstrate skill in profession, community outreach, policy and research in their specialization area.
- · Demonstrate community and laboratory-based data collection, analysis and interpretation.
 - Enhance communication skills for research findings and critique of life processes in community education.
 - Demonstrate subject related skills for employment opportunities.

5. Programme Learning Outcomes in B.Sc. Home Science

The learning outcome of the course are-

- Understand and appreciate the role of interdisciplinary sciences in the development and well-being of individuals, families and communities
- Understand the sciences and technologies that enhance the quality of life of people
- Acquire professional and entrepreneurial skills for economic empowerment of self in particular, and community in general
- · Develop professional skills in food, nutrition, textiles, housing, product making, communication technologies and human development
- Take science from the laboratory to the people and enhance quality of life. The academic audit enables and enhances quality in most of these outcomes.

Rame Boule Com

Birdusharne

0

B.ScHomeScience

S.No.	1st Semester.	Code
1	English Language &Communication Skills	P-101
2	Communication and Instructional Technology	P-102
3	Introduction to Human Development-I	P-103
4	Food Science	P-104
5	Human Physiology	P-105
6	Computer Basic	P-106
7	Environmental Science-Qualifying Paper	P-107
	IInd Semester	
1	Introduction to Textiles	P-201 —
2	Introduction to Resource Management	P-202
3	Applied Physics	P-203
4	Applied Chemistry	P-204
5	Sanitation & Hygiene	P-205
6	Meal Management	P-206
	IIIrd Semester	
1.	Family Dynamics	P-301

Birdusharna

Rame South Com

2.	Human Development-II	P-302
3.	Consumer Economics	P-303
4.	Nutritional Bio-Chemistry	P-304
5.	Laundry Science & Finishing of Fabrics	P-305
6.	Applied Life Science-I	P-306

S.No.	IVth Semester	
1:	Introduction to Clothing Construction	P-401
2.	HouseHold Equipments	P-402
3.	Food Microbiology	P-403
4.	Applied Life Sciences-II	P-404
5.	Human Development-III	P-405
6.	Community Nutrition	P-406
S.No.	Vth Semester	
1.	Therapeutic Nutrition	P-501
2.	Human Development-IV	P-502
3.	Community Development	P-503
4.	Family Housing	P-504
5.	Advanced Clothing Construction	P-505

0 ...

Birdisharna Rum

Brue Jane Com

6.	Nursery School Education	P-506
	The state of the s	

VIth Semester	Value of the second
Textile Design	P-601
Interior Decoration &Art Principles	P-602
Food Preservation & Protection	P-603
Entrepreneurship & Motivation	P-604
Extension Training & Management	P-605
	Textile Design Interior Decoration &Art Principles Food Preservation &Protection Entrepreneurship & Motivation

Bun-

Brus Janle C

C3/

Birdusharua

B.Sc. Home Science

S.No.	1stSemester.	Th.	Pr.	Total
1	English Language &Communication Skills	50	-	50
2	Communication and Instructional Technology	50	50	100
3	Introduction to Human Development-I	50	25	75
4	Food Science	50	50	100
5	Human Physiology	50	25	75
6	Computer Basic	50	50	100
7	Environmental Science-Qualifying Paper			
	Total	300	200	500
124	IInd Semester.			
1	Introduction to Textiles	50	50	100
2	Introduction to Resource Management		50	100
3	Applied Physics	50	25	75
4	Applied Chemistry	50	25	75
5	Sanitation & Hygiene	50	-	50
6	Meal Management	50	50	100
	Total	300	200	500
	IIIrd Semester.			
1	Family Dynamics	50	-	50
2	Child Development	50	-	50
3	Consumer Economics	50	50	100
4	Nutritional Bio-Chemistry	50	50	100
5	Laundry Science& Finishing of Fabrics	50	50	100
6	Applied Life science-I	50	50	100
	Total	300	200	500

S.No.	IVth Semester	Th.	Pr.	Tota
1	Introduction to Clothing Construction	50	50	100
2	House Hold Equipments	50	50	75
3	Food Microbiology	50	50	100
4	Applied Life Sciences-II	50	50	100
5	Human Development-III	50	-	50
6	Community Nutrition	50	-	75
150	Total	300	200	500
Mark to				
230	V Semester		-	
1 :	Therapeutic nutrition	50	50	100
2	Human Development-IV	50	-	50
3	Community Development -	50		50
4	Family Housing	50	50	100
5	Advanced Clothing Construction	50	50	100
6	Nursery School Education	50	50	100
CAN.	Total	300	200	500
	VIth Semester			
1	Textile Designing	50	50	100
2	Interior Decoration & Art Principles	50	50	100
3	Food Preservation & Protection	50	50	100
4	Entrepreneurship & Motivation	50	50	100
5	Extension Training & Management	50	50	100
1	Total	250	250	500
10.00	Grand Total	1750	1250	3000

SemesterI

PAPERI ENGLISH LANGUAGE&COMMUNICATIONSKILLS M.M.50

Unit I.

Introduction to Communication

A) What is communication?

B) The importance of effective communication.

c) Principles of communication—

clarity, completeness, conciseness, consideration, courtesy, correctness.

Unit II. Aids to correct writing

A) Nouns, Pronouns, Adjectives, Articles, Verbs, Adverbs, Prepositions, Conjuncti ons, Punctuation, Vocabulary - Synonyms, Antonyms, one word substitution, Idioms & Phrases.

Unit III. Letter writing

A) Layout of letter, types of letter- business letter, application, letters.

Unit IV Report writing

A) Importance, types of reports, parts of reports, preparing the report.

B). Essay writing

c). Precise writing

COURSE OUTCOME

- 1. To develop reading comprehension skill through non-technical texts.
- 2. Enables better decision-making by providing access to accurate and timely information.
- 3. To enhance the learner's communication skills by giving adequate exposure in reading, writing, speaking and listening skills.

Rame Brue James Cont

Bird Sherre

Unit -II Types of Communication a) Intra Personal b) Interpersonal c) Group d) Organizational e) Public f) Mass Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition &advantage Limitation &use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for	Communic	eation & Instructional Technology	MM.5
Origin, Meaning, Definition, functions & Problems of Communication. Unit -II Types of Communication a) Intra Personal b) Interpersonal c) Group d) Organizational e) Public f) Mass Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	II. is T		
Unit -II Types of Communication a) Intra Personal b) Interpersonal c) Group d) Organizational e) Public f) Mass Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition &advantage Limitation &use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	2007/10/10/10		
Types of Communication a) Intra Personal b) Interpersonal c) Group d) Organizational e) Public f) Mass Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	Origin, Me	eaning, Definition, functions & Pr	roblems of Communication.
b) Interpersonal c) Group d) Organizational e) Public f) Mass Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	Unit -II		
b) Interpersonal c) Group d) Organizational e) Public f) Mass Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	Types of C	Communication	
c) Group d) Organizational e) Public f) Mass Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualized and group instruction. C) To familiarize the students with different types of accessories used for communication	a)	Intra Personal	
c) Group d) Organizational e) Public f) Mass Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualized and group instruction. C) To familiarize the students with different types of accessories used for communication	b)	Interpersonal	
e) Public f) Mass Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	c)		
Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	d)	Organizational	
Unit-III Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical A) To select, plan, prepare and use different audio-visual aids. B) To developability to prepare and present individualized and group instruction. C) To familiarize the students with different types of accessories used for communication	e)	Public	
Communication Receiver Relationship: a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	f)	Mass	
a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition &advantage Limitation &use in communication Practical A) To select, plan, prepare and use different audio-visual aids. B) To developability to prepare and present individualized and group instruction. C) To familiarize the students with different types of accessories used for communication	Unit-III		
a) Rapport b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition &advantage Limitation &use in communication Practical A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	Communic	eation Receiver Relationship:	
b) Empathy c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition &advantage Limitation &use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication			
c) Perception d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition & advantage Limitation & use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developability to prepare and present individualized and group instruction. C) To familiarize the students with different types of accessories used for communication			
d) Persuasion e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition &advantage Limitation &use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication			
e) Credibility f) Motivation Unit-IV Different types of audio-visual aids a) Their meaning definition &advantage Limitation &use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developability to prepare and present individualized and group instruction. C) To familiarize the students with different types of accessories used for communication	(417)		
Unit-IV Different types of audio-visual aids a) Their meaning definition &advantage Limitation &use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication			
Different types of audio-visual aids Their meaning definition & advantage Limitation & use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualized and group instruction. C) To familiarize the students with different types of accessories used for communication			The second secon
a) Their meaning definition &advantage Limitation &use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	Unit-IV		
Their meaning definition &advantage Limitation &use in communication Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication	Different to	vpes of audio-visual aids	
Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualizedandgroupinstruction. C) To familiarize the students with different types of accessories used for communication			rantage I imitation &use in
Practical M.M.50 A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualized and group instruction. C) To familiarize the students with different types of accessories used for communication			anage Emintation cease in
A) To select, plan, prepare and use different audio-visual aids. B) To developabilitytoprepareandpresentindividualized and group instruction. C) To familiarize the students with different types of accessories used for communication	Practical	Communication	MM 50
B) To developabilitytoprepareandpresentindividualized and group instruction. C) To familiarize the students with different types of accessories used for communication	ractical	Table 12 March 1997	IVI.IVI.50
B) To developabilitytoprepareandpresentindividualized and group instruction. C) To familiarize the students with different types of accessories used for communication	A) To select	plan prepare and use different	andia signal side
C) To familiarize the students with different types of accessories used for communication			
communication			
communication	C) To fami	iliarize the students with differen	nt types of accessories used for p
D) To develop ability to prepare and present individualized and group inst			
D) TO develop ability to prepare and present individualized and ordin thet	D) To de	velon shility to propose and process	
7 Personal Property and Frederic and Group inst	D) 10 de	velop ability to prepare and prese	int individualized and group instr
			11 1
But your Bund South Comb		0	1 de m

Birdy Sharma Bun-

Course outcome

- 1. To create engaging, effective learning experiences using available technological tools for pedagogical purposes and motivation.
- 2. To impart knowledge of audio- visual aids and their importance for communication.
- 3.To discuss the role of communication in imparting ones message to other

Birdusharna

a crass dis viris

(

Unit I- Human Development-

- A) Definition and importance of Human Development
- B) Human Development and allied fields
- c) Scope of Human Development
- D) Methods of child study

UnitII- Growth and Development

A) Concept and principles of

development B)Difference between

growth and development

C)Factors affecting growth and human development.

UnitIII-Determinates of Development.

- A) Heredity and Environment
- B) Maturity and Learning

Unit IV-Developmental Stages

A)Menstrual Cycle and

Fertilization

- B) Prenatal development stages and substages.
- c)Factors affecting prenatal development

Unit V- Care of the newborn

- A) Reflexes of the new born and neonatal assessment
- B)IUGR(Intra Uterine Growth Retardation) and

Premature babies C)Immunization of the new born.

Birdy Sharna

Bun- Bru

- 1

C37/

(INTERNAL ASSESSMENT)

M.M.25Marks)

But Boul South Com

BirdySharma

0

0

A) Makearesourcefileifminimumtenarticle from various magazines and newspape ronHuman Development

B) Write critical evaluation of each article.

COURSE OUTCOME

- 1.To study different domains of development in adolescence- physical, cognitive, language and socio-emotional
- 2.To understand different domains of development in adulthood- physical, cognitive, language and socio-emotional
- 3.To familiarize the students in use of different techniques of studying various domains of development in adolescence
- 4. To familiarize the students in use of different techniques of studying various domains of development in adulthood

Paper IV FoodScience

MM.50

UnitI

8

E)

(1)

(B)

(1)

(1)

0

0

(I)

(i)

A) Foods Definition and objectives in the study of foods.

B) Relation to nutrition and function of foods.

UnitII

Basic food groups: Composition and nutritive value.

A)Cere

als

B)Pulse

c) Vegetables and fruits

D) Milk and milk

products. E)Meat, fish,

poultry and eggs.

F) Nuts and oils.

G) Spices and condiments.

H) Sugar and jaggery.

Birdu Sharne Bun- Brul. Samle

Unit III

Cooking

A) Various methods and principles of cooking various foods stuff-(boiling, steaming etc.) B) Processing of food stuffs before cooking. C) Effect on nutritive and other values of foods during cooking.

Unit IV

Improving nutritional quality of foods. A)Germination B) Fermentation C)Supplementa tion D)Substitution E) Fortification and enrichment

Practical

M.M.50

Basic food preparation.

A) Rice and pulse preparation.

B) Vegetable preparation.

c) Suji and wheat flour preparation.

D) Milk preparation

E) Soups

F) Bakery preparation

G) Beverages

H) Egg, fish and meat preparations

1) Standardization of weights and measures of various food items.

Birdusharna Bamile Samle Samle

COURSE OUTCOME

- 1.Understand the basic concepts of food science and its applications in processing of food.
- 2. Gain coherent and systematic knowledge of basic food chemistry.
- 3. Understand role of micro-organisms in relation to processing and spoilage.
- 4. Understand basic principles involved in preservation and spoilage.
- 5.Impart knowledge about the national and international food laws
- 6.Perform basic sensory and objective evaluation of food.

Birdusharua Bamile C

PaperV HumanPhysiology

M.M.50

Unit I

Basic Unit of Human Body-Cell

- A) Structure of cell
- B) Structure of tissues and types
- c) Functions of tissues

Unit II

Elementary anatomy, physiology and functions of-

- A) The skeleton system
- B) Thenervoussystem—Organs, sensation vision, hearing, sense of touch, smell and taste.

Unit -III

Elementary anatomy, physiology and functions of-

- A) Thecirculatorysystem-humanheartandotherorgans, Composition of blood and function
- B) The respiratory system-respiratory organs and their functions.

Unit IV

Elementary anatomy, physiology and functions of-

- A) The digestive system-organs of the digestive system and their functions.
- B) The excretory system-organs of the excretory system and their functions

Unit V

Birdusharna Bun - Barul Samle Com

Elementary anatomy, physiology and functions of-

A) The Endocrine System—The ductless glands and their functions.

B) The Reproductive system -

elementaryknowledgeofmaleandfemalereproductiveorgans, their function.

Course Outcome-

0

10

0

(1)

0

0

0

0

0

0

(

- Understand the current state of knowledge about the functional organization of the human body.
- Develop insight of normal functioning of all the organ systems of the body and their interactions.
- Correlate physiology with various disorders and their pathogenesis.
- Understand and interpret common medical diagnostic tests and reports.

Unit I

Introduction to Computers

- A) What is Computer
- B) Characteristics of Computer
- C) Generation of Computers
- D) Classification of Computers
- E) Hardware & Software
- F)Input & output devices
- G) Data Representation & Processing

Unit II

Windows

- A) Features of Windows
- B) Date & Time
- C) Display
- D) Fonts
- E) Mouse
- F) Find

Birdy Charne Barrie C

Unit III

MS-WORD

- A) Starting Word
- C) Creating Documents
- D) Parts of Word Window
- E) Formatting Features
- F) Toolbars & their Icons
- G) Tables

Unit IV

MS-Excel

- Starting MS-Excel a) b) Toolbars & their icons Selecting Cells c) Entering & Editing text d) Entering Numbers e) f) Entering cell contents Formulas g)
- - Creating the charts h)

Unit V

MS-PowerPoint

- A) Starting PowerPoint
 - B) Creating Power Point Presentation
 - C) Editing Text on Slide
 - D) Formatting Text
 - E) Formatting Paragraphs
 - F) Checking Text
 - G) Using Clip Art Gallery
 - H) Develop a Slide Show

- Boul James Com

0

0

0

0

0

0

0

0

0

(1)

(1)

(

0

0

(1)

(6)

0

0

0

0

0

Internet

- A) Computer Network (LAN, MAN, WAN)
- B) What is Internet?
- C) Use of Internet
- D) Software & Hardware requirements of Internet
- E) Search Engines & Search of a topic
- F) Advantages & Disadvantages
- G) Creation & use of E-mails

PRACTICAL:

Max. Marks: 50

- Window XP a 1.
- A) Starting & shutting Computer, Moving windows, Display Properties.
- B) Exploring Disk, Files & Folders.
- C) Use of CDs & Pen drives
 - 2.MS-Word
- A) Creating new word document, Open existing document, Save, Print, Page Setup, Close, Exit.
- B) Edit, View, Insert, Format, Tools menus
 - 3.MS-Power Point
- A) Starting presentation, Improving presentation, Create Presentation using Auto Content Wizard &

Using power point Templates, Copying Text, Moving Text, Deleting Text, Aligning Text in a Slide,

B) Changing fonts, Adding Symbols, Using Clip Art Gallery, Animate text and Graphic Object

1.MS Excel

Birdusharna Bane Bank Samle Com

- A) Printing & Saving sheets, Entering & Editing text, Page Setup
- B) Edit, Insert, Format, Tools menus
- 5. Internet
- A) Opening web page
- B) E-mail
- C) Search Engines
- D) Downloading files from Internet

COURSE OUTCOME-

- 1. Understanding the concept and input and output devices of computers
- 2. Learn the functional units and types of different operating system.
- 3. Be updated with different advanced network technology that can be used to connect different network.

SemesterII

PaperIIntroductiontoTextiles

M.M.50

UnitI

Introductionto Textiles

- A) Classification of Textile fibers and their general properties.
- -B) Importance oftextiles inday to day life.
- c) Factors affecting selection of fabric for various enduses.

Bung Brul

TI-SHIT

Birdy Sharna

History, composition, manufacturing process, properties and uses of common fibers

- A) Natural cellulosic fibers-Cotton, Flax and Jute.
- B) NaturalProteinfibers-SilkandWool.

c) Synthetic fibers-Rayon, Acrylic, Nylonand Polyester

UnitIII

Studyof Yarns

- A) Definition and types of Yarns
- i) Simpleyarn:Singleply,cord,crepe,staple,filament,balanced,unbalanced,typesoft wistandeffect of twist on fabric performance.
- ii) Complexyarns: Slub, flock/flack, Bouncle/loop, ratine, loop, knot, grand ellechennille. Methods of spinning.

UnitIV

Fabric Construction

- A) StudyonHandloom-partsandtheir uses
- B) Basicweavesusedinfabricconstructionandclassificationofweaves
 - (i)Plainweavesand variations
 - (ii) Twillweavesandvaria

tions (iii)Floating

weaves

c) OtherMethodsoffabricconstruction-netting, knotting, felting, braiding and bonding

UnitV

Birdusharna Rame Brus Samle Com

Fabric Finishes

- A) Importanceand classification
- B) Methodsandusesof-
 - Mechanical-tentering, calendaring, napping, sanforizing singeing. (i)
 - Chemical-Mercerizing, bleaching Additive-Sizing (ii)
 - Specialfinishes-Waterproof, moth proof, acid and basic finishes. (iii)

Practical M.M.50

- A) Identification of textile fabrics by-visual, burning, microscopic and chemical tests.
- B) Laboratorytestsonfabrics-Fabriccountandbalanceofcloth.
- c) Laboratory Identification of different types of weaves and collection of their sample.
- D) Color fastnesstosunlightandwashingofvarious fabrics.

Course Outcome-

- Describe textile fibres in terms of their production and properties
- Understand production techniques and properties of yarns
- Explain various methods of fabric construction and relate them to specific uses keeping in mind fabric properties

Recall various dyeing, printing and finishing techniques

Birdu Sharna Birdu Samle Com

PaperII	
IntroductiontoResourceManagement	M.M.50
UnitI	
Home Management	
A) Definition, Philosophyand Concepts of Home Management.	
B) The Management process-planning, organizing, controlling and Eva	aluation.
UnitII	
FamilyLifeCycle	
A) The Family lifecycle and its stages.	
B) Qualitiesandresponsibilitiesofagoodhomemaker.	
c) Motivationinhomemanagement-values, goals and standard.	
UnitIII	
DecisionMaking	
A) Importanceandclassificationofdecisions.	
B) Decisionmakingprocess.	
c) Conflictsduringdecision-making.	5/

FamilyResources

Birdu Sharna

UnitIV

- A) Classification and characteristics of resources.
- B) TimeManagement-Timedemandindifferentstagesofthefamilylifecycle.

c) EnergyManagement-Energydemandsindifferentstagesoffamilylifecycle, Workcurveandfatigue types.

UnitV

WorkSimplification

- A) Definition of works implification and its importance.
- B) Techniquesofworksimplification.
- c) Mundel'sclassesof change.

Practical

M.M.50

- A) Timeplansfordifferentworksituation.
- B) Makingofwastematerial article.
- c) Makingofadecorativearticle.
- D) Cards and bookmarks.

Course Outcome-

- 1. Comprehend the concept, scope and theories of management.
- 2. Learn decision making abilities through various management skills.
- 3. Learn the tools and techniques of money, time and energy management.

4. Understand classification, characteristics and management of resources

Birdusharna Bamil Barul Jamile Com

UnitI

()

Simple Machines

A) Machines and their principles, efficiency, mechanical advantage, lever pulley and axe

B) Workingknowledgeofhouseholdequipmentslikevacuumcleaner, hairdryer, foodprocessor, washing machine, microwave oven and OTG's.

UnitII

Heating&CoolingMachines

- Functioning, utility and maintenance of- Heater, Iron, Water Geysers, OTG and Induction cooktop.
- Functioning, utility and maintenance of cooler, refrigerator, airconditioner and deep freezer.

UnitⅢ

Light& Electricity

- A) Light-
 - · Propertiesandtransmissionoflight.
 - · Lawsofreflectionandrefraction, Normalvision, defects of vision.
 - Workingofcamera, microscope and Binoculars.
- B) Electricity-
 - · Transmissionofelectricity.
 - · Studyofconductors,ammeterandvoltmeter.
 - Studyofhousewiring, earthing, transformer, adopter, plug, fuse, bulb, fluorescent tube.

UnitIV

Sound

- A) Production&Reflectionofsoundmeasurementofnoise, echoandits uses.
- B) Elementaryknowledgeofradio,television,telephone,microphoneandloudspeaker.

UnitV

ConsumerAwareness

- Guaranteeandwarrantyofallhousehold equipments.
- Precautionswhileusingequipmentsandservicingofequipment used.

- Brue James

- A) Measurement of length and diameter with calipers.
- B) DeterminationofRefractive index of glass.
- c) Determination of Focallength of optical lenses.
- D) Verification of Ohm' slaw.
- F)Measurement of voltageofvarioushouseholdequipmentsused.

Course outcome-

- 1. To develop basic understanding of different physical concepts and to relate the with practical life.
- 2. To enhance their skills in handling different equipment.
- 3.Demonstrate their knowledge of the process of science by performing science practices.

PaperIVApplied Chemistry

M.M.-50

UnitI

Introduction

- A) BranchesofChemistry, its terminology.
- B) Element, mixture, valency, compound, molar solution and equivalent weight.
- c) Atomic Structure of Electron, Protonand Neutron
- D) Atomicnumber, atomicweight and atomic structure of sodium, chlorine, copper.

UnitII

D

(

(

Acids, Base and Salts

- A) Alkaloids-Function and Properties of Alkali.
- B) Uses and effects of Nicotine and Quinine.
- c) Types of Dyeing agents and their uses.

UnitIII

Study of Drugs

- A) DefinitionandfunctionofAntibodies, Antiseptics, Analgesics, Sulphadrugs, Insecticides and disinfectants.
- B) Fire extinguisher-use and maintenance.

Unit IV

Cosmetics

- A) Composition, characteristics of cold and vanishing creams, lipsticks, nails paints, sham poo, suns creams and hair color, hair oil and dyes.
- B) Precautions while purchasing cosmetics and while using them.

UnitV

Paints and Vanishes

Birdusharne Burin Same Same Com

A) Composition and Types.

B) Elementary knowledge of cement and glass.

Birdusterne Brus James James

D

D

1

1

D

D

10

0

1

10

0

0

10

0

0

0

0

0

(

0

0

0

0

(

1

- A) Maintenance and handling of physical and chemical balance.
- B) Qualitative analysis of chloride, acetate, phosphate, sulphate, sulphide as acid radicals, basic radicalas aluminum, chromium, zinc, copper, iron, nickel, lead.
- c) Determination of pH
- D) Qualitative analysis of preservative-nitrate, sulphites, salicylate, benzoate.

Course Outcome-

- 1. The study of chemistry is important because it enables people to develop a wide variety of useful materials, such as medicines for the treatment of diseases, materials that can be used as sources of alternative energy, materials that protect the environment, and structures that are advanced in building technology.
- 2. Common outcomes of general chemistry should include knowledge of basic chemical concepts, strength in quantitative problem solving, preparation for higher-level course work, maturation of students' knowledge of chemistry, and application of mathematical skills.

PaperV SanitationandHygiene

M.M.50

Unit-I

Health

A) Conceptofpositivehealth, goodhealth, mentalhealth, schoolhealth.

Birdy Starne Bund

Unit-II

Hygiene

- A) Schoolhygieneandindustrialhygiene.
- B) HealthHazardsofindustrialworkerandsafetymeasures.

Unit-III

InfectionDiseases-Symptoms, causes, care, and treatment

Unit IV

- A) Water, foodbornediseases-cholera, dysentery, tuberculosis, hepatitis, diarrhea.
- B) Airborneandviralinfection-influenza, cold, pneumonia, polio, measles, mumps.
- c) Insect and rodent agencies-Malaria, Plague, Dengue
- D) Directcontactthroughcutsandabrasions, skindisease, conjunctivitis, leprosy, tetanus.

Unit-IV

Food Sanitation

- A) Control and inspection
- B) Planning and implementation of training program for health personal.

Unit-V

Public health organization

- A) W.H.O., centralandstatehealthactivities, immunization programmes (Triplevacc ine-smallpox, polio, typhoid, cholera, tuberculosis, AIDS and hepatitis).
- B) Municipal and district health services.

Birdusherna Rame Bounde Com

Course Outcome-

财

0

(1)

(1)

0

€0

0

6

0

0

0

0

0

60

0

0

0

0

0

0

0

0

0

0

0

- 1. Identify measures/procedures that will reduce or eliminate accidents in food preparation and service areas.
- 2. Present the rules of personal hygiene and the importance of adhering to safety rules and regulations.
- 3. Identify the types of cleaning agents and sanitizers that may be used safely in a food handling operation

Paper VI Meal Management

M.M.50

UnitI-

A) Relationship of nutrition to human health, growth and human welfare. Concept and definition of terms

B) Recommendeddietaryallowances for Indians, Normal Nutrition, malnutrition, undernutrition, dietary fiber, water, acid- base balance, electrolytebalance. Birdu Sharne Brus Samle

UnitII-

- A) Energyvalueoffoodsandenergy requirement,
- B) Basal metabolism, factorsaffecting basal metabolic rate, calorigenic effect offood, specific dynamic action of food.

UnitIII-

- A) Basicprinciplesofmealplanningandits importance.
- B) Planningmenuforindividualandfamily
- c) Factors affecting meal planning, foodgroups, their exchange and distribution

UnitTV-

A) Nutrition duringinfancy, preschoolage, schoolage, Adolescence, Adults and theelderly(forboth genders, various activity levels and all income groups).

UnitV-

A) Nutritionduring pregnancy and lactation, nutritional requirements, effect of malnutriti onon maternal health and pregnancy outcome.

Practical M.M.50

- A) Categorizationoffoodasrich, moderate and poor sources of energy, protein, fat carbohy drates, vitamins and minerals.
- B) Demonstration, understanding of principal and working of abomb calorimeter
- c) Planningdietsfordifferentagegroups, incomegroups and activity levels.
- D) Planningdietforpregnancyandlactationperiod.

Birdy Sharne Bun- Brul Samle Com

Course Outcome-

1

(直

0

0

- 1. To provide food that will ensure the physical and mental growth of the person, his social development and well-being, with a reasonable expenditure of available resources.
- 2. To understand the role of nutrition in different stages of life cycle.
- 3. The major objectives of food management are procurement of food grains from farmers at remunerative prices, distribution of food grains to consumers, particularly the vulnerable sections of society at affordable prices and maintenance of food buffer stock for food security and price stability.

Birdusharna Bindusharna

SemesterIII

PaperIFamilyDynamics

M.M.50

UnitI-Family

- A) Meaning, definition and structure of family.
- B) Changing trends in family constitution, roles, demandand responsibilities.
- c) nuclear and joint families- Structure, role, interaction and hierarchyof dominance in jointand nuclear families.

UnitII-MarriageandIndianSociety

- A) Meaning, definition and institution of marriage.
- B) Readiness for Marriage
- a) Psychological
- b)Social
- c) Physiological d)Economical
- c) PreparationforMarriage(a) Selecting as uitable partner
 - (b) Premaritalassociation
 - (c) Premaritalguidanceandcounseling

Birdusharne Bun- Brul James Com

UnitIII-MaritalAdjustment

- A) Areasofadjustmentwithinthefamilyatdifferentstagesoffamilylife cycle.
- B) Legalaspectsofmarriage-
 - (a) HindulawofMarriage.
 - (b) MuslimlawofMarriage.
 - (c) ChristianlawofMarriage.

UnitIV-Familiesatrisk-

- A) Marital disharmony
- B) Separation
- c) Violenceanddistress

Birdu Sharne Barre Barre South Com

UnitV

Influence of different disciplinary patterns, maternal deprivation, and over protection in child development.

COURSE OUTCOME-

- 1. Exploring family dynamics with a young person helps you to understand their behaviour and difficulties in context and enables more effective interventions
- 2. Family dynamics include family alignments, hierarchies, roles, ascribed characteristics and patterns of interactions within a family.
- 3. Discuss the concept of family dynamics and Identify the macro level changes and its impact on Indian family.

PaperII HumanDevelopmentII

M.M.50

UnitI-EarlyChildhoodperiod

- A) Physicalandmotordevelopmentchangeinheight, weight, bodyproportion and motor development.
- B) Social and emotional

development:-

a)Socializationandparentchildre

lation.

b) Roleofplayactivities and theories of play.

c) Meaning and characteristics of childhood emotions. Development of Birdu Garne Bun Brul. Som common emotions - fear, anger, joy, grief, jealousy, curiosity etc.

UnitII-Intellectualdevelopment

- A) Definition and factors affecting intellectual development.
- B) Developmentofreasoning, memory, imagination, communication and creativity.
- c) Moraldevelopmentanddiscipline.

UnitIII-Latechildhoodperiod

- A) Physicaldevelopment-height, weight, body proportion, motorskills and sports.
- B) Socialandemotionaldevelopment.
 - a) Processofsocializationandrelationswithparents, siblingandpeers.
 - b) Emotional characteristics and factor affecting emotions.

UnitIV-

0

0

0

0

0

0

(

0

0

0

0

0

0

0

0

6

0

0

- A) Physically Challenged
- B) Emotionally Challenged
- c) Mentally Challenged

Birdu Sharna

Course outcome-

Understand emergent issues in human development and child studies with respect
to human life span and culture and demonstrate the ability to transact knowledge
of childhood development and culture with in every day social context and
workspaces.

But South C

Understanding Physical, Motor, Emotional, Cognitive, Moral, Language, Personality and Social Development in childhood and adolescence. Making students aware about importance of Play in child's life. Common behavioural problems and their remedies in various stages of life are explained which empower the students to help their dear ones and pupils to come out of their problems. By learning these students may become better parents and teachers.

3. Child psychology, Learning methods, Concept of intelligence and its measurement also form part of the syllabus which make students understand childhood in a better way.

0

UnitI-FamilyIncome

- A) Familyincome-Meaninganddefinition.
- B) Types of income and methods of handing income, Money income, real income, psychological income and supplementing family income.

UnitII-BudgetandSaving

A) Budget-

Meaninganddefinition, Typesofbudget, Engle's law of consumption, factors influencing budget, steps in making budget.

B) Saving- Meaning of saving, objectives of saving, types of saving, investment schemes and agencies of saving and investment.

UnitIII-Consumerandconsumerbehavior

- A) Meaninganddefinition, objectives and need for consumered ucation.
- B) Definition of consumer characteristics, role of consumer in the economy.
- c) Consumerbehaviorandeducatingconsumer.
- D) Consumerbuyinghabits, choiceandneeds.

UnitIV-ConsumerintheMarket

- A) Conceptandclassificationofmarket
- B) Typesofmarket-wholesale, retail, local, telemarketing globaletc.
- c) Changingnature of the business worldi.e.e-business and e-commerce.

Birdy Sharre Bun- Brul Source D) Consumerbuyinghabitsandconsumerchoiceandneeds.

UnitV

- A) Consumer buying problems
 - a)Adulterationandothermalpra ctices.
 - b)Weightsandmeasures.
- B) Consumption
 - a) Wants, demandand supply laws.
 - b) Lawofdiminishingmarginalutilityandmarginal utility.

Birdusharne Bun Same Same

A) MarketSurveyofcommoncommodities.

B) Consumerbuyingproblemsadulterationfaultyweight, measures and other malpractices. C) Analyzingthe advertising and label information contents

COURSE OUTCOME-

.

- 1. Understand the importance, causes and impact of population growth and its distribution, translate and relate them with economic development.
- 2. Develop ideas of the basic characteristics of Indian economy, its potential on natural resources.
- 3. To explain the function of market and prices as allocative mechanisms

Birdusharne Bank

UnitI-Introductiontobiochemistry

A) Objectives and scope of biochemistry.

UnitIICarbohydrates

- A) Introduction, composition, classification and functions of carbohydrates
- B) Metabolismofcarbohydrates

UnitIII-Lipids

- A) Composition, classification and functions of lipids
- B) Digestionandabsorption of lipids.

UnitIV-Proteins

- A) Definition, composition, classification and properties of proteins.
- B) Digestion, absorption and metabolism of proteins.

UnitV-Micronutrients, Enzymes, Hormones

A) Vitamins-

Definition, classification, function, storage, absorption and excretion ofvitamins. (Fat solvable and water solvable)

- B) Minerals-Classification digestion, absorption, storage and excretion of
- c) Enzymes-

0

0

Definition, properties of enzyme, inhibition, factors minerals. Effecting function of enz yme action, Clinical importance of enzymes.

D) Hormones-Types, secretary glands and biological role of hormones.

Birdusharna Ban- Brue James Com

- A) Detectionofglucose, fructose, sucrose, maltoseandlactose.
- B) Identificationofprotein-casein, eggalbumin.
- c) Separation of water and insoluble protein from egg proteins.

- Brul James

- D) Testof starch:-
 - Iodinetestforstarchsolution.
 - Preparation of stained slide of potatostarch grains.
 - Microscopically examination
- E) Estimation of chloride in table salt by titrimetric method.

F)EstimationofvitaminCcontentinfoodbytitrimetric But South Com

in to Charrie

method.

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

COURSE OUTCOME

- Develop an understanding of the principles of biochemistry (as applicable to human nutrition).
- Obtain an insight into chemistry of major nutrients and physiologically important biomolecules.
- Understand the biological processes and systems as applicable to nutrition.
- Apply the knowledge acquired to human nutrition and dietetics.

Paper-V Laundry Science and finishing of fabrics

UnitI-Introduction

A) Principles of laundering and their application on laundry equipment.

Birdy Garne Bane

B) Water-Hardandsoftwater, techniques of removal of hardness caused by hardwater.

UnitII-SoapsandDetergents

 A) Kindandcomposition, manufacturing, functioning and properties of laundry-Soaps and Detergents.

UnitIII-

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

- A) Blues-Types, composition, uses and action of blues.
- B) Stiffeningagentscomposition, sources, preparation and application of various stiffening agents.
- c) Bleaches-Classification and their uses.

UnitIV-Stains

- A) Definition, classification, identification, general precautions observed duringstain removal, homeand lab method for removingstains (blood, wax, chewing gum, chocolate, coffee, egg, fruit grass, ice- cream, medicine, ink pen, bull pen, ink iron, rust mildew, lipstick, oil, preparation, paints).
- B) Dry cleaning- Definition, principles, dry cleaning agents and their uses, comparison with wet cleaning, advantages and disadvantages.

UnitV-FabricFinishes

- A) Importance and classification.
- B) Methodand uses
 - a) Physical-singing, napping, brushing, shearing, sizing, shrinking etc.
 - b) Chemical-bleaching, mercerizing etc
 - d)Specialfinishes— Wrinkleresistant,waterresistantandrepellent,flame retardant crease resistance.

PaperVI AppliedLifeScience

M.M.50

UnitI-Soil

- A) Importanceandgeneralknowledgeofsoil.
- B) soilandselectionofsoilforestablishinganewgarden.
- c) Methods formaking of soil formore fertilization and conservation of soil.

UnitII-ManureandFertilizers

- A) Importanceofmanure.
- B) Methods for application of manures and fertilizers.
- c) Preparationofcompostofmanures and Bio-fertilizers.

Birdusharna Band Samle S

- a) Studyoflaundryequipments.
- b) Launderingofdifferenttypesoffabrics.
- c) Stainremoval
- d) Bleachandstarching fabrics.
- e) Drycleaningof fabrics.

COURSE OUTCOME-

- 1. To impart knowledge about different fiber, yarns and fabrics along with their properties.
- 2. Understand the current processes and trends, new developments and technological changes in the field of textiles and apparel.
- 3. Apply creative, managerial and technical skills for careers and entrepreneurship in the field of apparel and textiles

Birdusharna Bamil Samle Com

UnitIII-Plants

- A) ElementaryideaoftheclassificationofPlantKingdom.Partsofatypicalangiospermpl ant, Pollination, fertilization, Dispersal of seeds and life cycle of a plant.
- B) Economicbotany-Plants, different parts of plantuse ful for human welfare and daily human life.

UnitIII-Plants

- A) ElementaryideaoftheclassificationofPlantKingdom.Partsofatypicalangiospermpl ant, Pollination, fertilization, Dispersal of seeds and life cycle of a plant.
- B) Economicbotany-Plants, different parts of plantuse ful for human welfare and daily human life.

UnitIVHerbalandMedicinalplants

- A) GeneralKnowledgeofgardening.
- B) Planting, maintenanceandtherapeuticuses of herbaland medicinal plants.

UnitVKitchenGardening

- A)ScopeandLayoutofKitchengardening.
- c) Cultivationofvegetables-Tomato, Cauliflower, Bhindi, Brinjal, chillies, carrot, radishand Spinach.

Birdusharna Bun- Brus Jambe C

Practical

M.M.50

- A) LayoutofKitchengardenPracticalKnowledgeofgardentools.
- B) Transplantation of seedlings.
- c) Seedbed preparation, sowing of seedling and raising seedlings, weeding, hoeing, irrigation earthing, staking.
- D) Identificationandcommonbacterialandviralinfectedplants.

Birdu Sharne Bun Samle Com

E) Collectionofornamentalplantsandvegetables,

common Weed

COURSE OUTCOME-

- To gain experience working in a laboratory setting and operate equipment
- Students learn to carry out practical work, in the field and in the laboratory, interpreting plant morphology and anatomy, Plant identification, Vegetation analysis techniques
- 3. This course aims to educate student about the mechanism and physiology life processes in plants. It focuses on the plant nutrient uptake and translocation, photosynthesis, respiration and nitrogen metabolism.

SemesterIV

Unit1

A) sewingmachineanditspartcommandefectsandhowtoremedythem

UnitII

selectionofclothingmaterial

- A) factorsinfluencingselectionoffabrics-budget, age, season, occupation, figure, fashionetc
- B) selectionoflinen-towel, bedsheet, table coversand curtains.

UnitIII

principlesofclothingConstruction

- A)principlesofdraftingandmakingpaper pattern
- B) takingbodymeasurementofdifferenttypesof garments
- c) preparationoffabric forgarment making
- D) layoutofpatterns, cutting and stitching

UnitIV

0

8

Birdusharna Bun- Barul James Same

A) basicseams and seams finishes

- b)fullness-gathers, pleats, darts and tuck setc.
- c) placketopeningandits variations
- D) fastenersandpockets
- E) finishingofnecklines-varioustechniquesincludingcollars

Practical M.M.50

1. sewing techniques - basic seams and seams finishes, fullness - gathers, pleats, darts, tucksetc. Placket openinganditsvariations, fasteners, finishing of necklinesvarioustechniquesincludingcollars, pockets

2. garmentconstructiondrafting, cutting and stitching of simple garments like bib, baby's panty, sunsuit/rompers, a-lime dress, simple frock with yoke.

Course outcome-

- To introduce the methods of garments construction which includes drafting. cutting and sewing of garments for industrial as well as home production.
- 2. To explore the creative skills of candidate up to fullest potential and guide them to sketch their ideas related to apparels
- 3. To make students understand the relevance, specifications and importance of quality in apparel industries.
- 4. To sensitize the students towards their role in society for women and for rural upliftment of people.

Birdy Sharne Barne Same Com

Unit I

Meaning, definition, working principle, use and care of household equipment intermsof-Unit I

- A) Electrical-motordriven
- (i)Foodrelated-refrigerator, Grinder, mixer, blender, food processor.
- B) Laundry-washingmachine, Cleaning-vacuum cleaner

Unit II

A) Electrical-heatappliances

- i)Foodrelated-surfaceheatingunits, toasters, percolators, ovensimple & microwave
- B) Laundry-Electriciron&itstypes.

Birdy Sharma -

9

9

Ø

3

1

But South Com

Unit III

A)Solar cooker

B) Non electrical - cookers, non stick pans, knives, peelers, graters. C)Certificationandguaranteetheirmeaning, importance and implication.

D) Cleaningofhouseholdarticles(includingmetals)

Practical

M.M.50

1. Conduct market survey of electrical and non-electrical equipments for projecting trends in equipments.

Evaluation of different electrical and non-electrical Equipments.

Cleaning of different household articles.

Course outcome

1. provide guidelines for conservation of fuel, electricity and water while using household equipments.

2. explain the points to be kept in mind for correct use of household equipments

3. describe the factors affecting the selection of household equipments

Birdy Sharne Rame - Brus James -

UnitI

A)Briefhistoryoffoodmicrobiologyandintroductiontoimportantmicroorganisms inf ood.

UnitII

A) Cultivation of micro organisms - nutritional requirements of micro organisms, types of media used, methods of isolation.

UnitIII

0

0

6

0

0

0

0

0

0

0

0

A) Fundamentals of control of microorganisms in foodsuseofhighandlowtemperature, dehydration, freezing, irradiation, preservation, sterilization and disinfection.

Birdusharna Brus Same Same

UnitIV

A) FoodSpoilage-

Contaminationandmicroorganisminthespoilageofdifferentkindsoffoodand their preservation - cereals & cereal products, vegetables & fruits, fish & meat products, egg & poultry, milk and milk products, canned food.

UnitV

Publichealthhazardsdueto

A)Contaminated foods

B) Microbes used in

food

C)Biotechnology

D)Fermented

foods.

Practical

M.M.50

- A) Demonstrationofthedifferentpartsofthemicroscope, the use and care of microorgani
- Preparationofbacterialsmear, simplestaining.
- c) Preparationofcommonlaboratorymediaforcultivationofbacteria, yeastandmold.
- D) Morphological identification of important molds and yeast-Rhizopus, Mucor, Aspergillus, Penicillium, Sacchromyces, Alternaria, Demonstration of microbiological analy

sisofwater, milk.

Birdusharna Rame Samle C

Course outcome-

- 1. This course deals with characteristics, properties and biological significance of the biomolecules of life
- 2. Apply the knowledge to understand the microbial physiology and to identify the microorganisms
- 3. Understand the regulation of biochemical pathway and possible process modifications for improved control over microorganisms for microbial product synthesis.

PaperIVAppliedLifeSciences-II

M.M.50

UnitI

1

A)PoultryKeeping-Knowledgeabouthousing,feeding&important breeds.

UnitII

A)Apiculture-Generalintroductionandcollectionofhoney.

UnitIII

A)Sericulture-generalintroductionaboutsilkworm&theirrearing.

0

0

Birdu Garne Brus. James Sambe Com

UnitIV

1

A) InsectPest-

knowledgeoforganism, their controland damage by cockroach, termite, grain moth, weevil, clothmoth

UnitV

A) FishCulture-

Knowledgeaboutfishculture, Management of Fishculture Programmes, Byproductso f fishing industry.

Practical M.M.50

- Identificationofinsectpest, silkworm, bees.
- Maintenanceofbeehivesandcollectionof honey.
- C. Insectpestmanagement-NaturalControl, AppliedControlandintegratedpestmanagement.
- Visit to poultry farm. D.

Course outcome-

- A) LayoutofKitchengardenPracticalKnowledgeofgardentools.
- B) Transplantation of seedlings.
- c) Seedbed preparation, sowing of seedling and raising seedlings, weeding, hoeing, irrigation earthing, staking.
- Identificationandcommonbacterialandviralinfectedplants. Birdusharna Birdusharna

UnitI-

0

(1)

(Br)

00

00

00

0

0

0

Qu.

0

Q.

0

6

A) Adolescence (13 to 18 years) – Definition,
 different views
 regardingtheperiod, development tasks and character istics.

UnitII

A) Physical development: Puberty, growth spurts, primary and

Secondary sexual characteristics, early and late maturing adolescents.

UnitIII

- A) Definition, Construction of an identity
- B) (iv)FactorsinfluencingIdentitydevelopment
- c) ChoosingaCareer, Stages, factors affecting selection for career

UnitIV

0

9

Þ

- A) Socialrelationshipsandheterosexualrelationship, Importance
- B) Heightenedemotionality:-Meaning, Causes, expression, characteristics of emotional maturity.

UnitV

A) Problems-drugandalcoholabuse, STD and AIDS

Course outcome-

- Understand emergent issues in human development and child studies with respect
 to human life span and culture and demonstrate the ability to transact knowledge
 of childhood development and culture with in every day social context and
 workspaces.
- 2. Understanding Physical, Motor, Emotional, Cognitive, Moral, Language, Personality and Social Development in childhood and adolescence. Making students aware about importance of Play in child's life. Common behavioural problems and their remedies in various stages of life are explained which empower the students to help their dear ones and pupils to come out of their problems. By learning these students may become better parents and teachers.
- Child psychology, Learning methods, Concept of intelligence and its measurement also form part of the syllabus which make students understand childhood in a better way.

PaperVICommunityNutrition

M.M.50

Unit1

- A) ConceptandscopeofCommunityNutrition.
- B) Commanproblemsin India.

UnitII

- A) Factorsaffectingfood, Availability and intake.
- B) Agricultureproduction, population, distribution and industrialization.

UnitIII

- A) Foodadulteration, foodlaws.
- B) Commanfoodadulterantsandhealthhazards.
- c) Angenciescheckingfoodadulteration.

UnitIV

- A) Meaningofnutritioneducationanditsimportance.
- B) Organizationofnutritioneducationprogrammes for the community.
- c) Communicationmethods.
- D) Communicationaids.

UnitV

- A) NutritionprogrammesinIndia.
- B) Roleofnational, international and voluntary agencies.

Course Outcome-

- 1.To provide information regarding nutritional assessment. To enable students to impart nutrition education among rural and needy people.
- 2. To acquaint them knowledge regarding food security and government and international
- 3.program running in the field of community nutrition.

SEMESTERV

PAPERI THERAPEUTICNUTRITION

M.M.50

UnitI-

A) Therapeutic Nutrition-

Importance, differently pesofdiets, modification of normal diets to the rapeutic nutrition, methods of feeding patients, pre- and post operation diets.

B).Dietindeficiencydiseases— ProteinEnergyMalnutrition,classificationofPEMaccordingtoGomez welcome group of IAP(Indian associate Prediatician).

UnitII-

- A). Dietsinfevers-acuteandchronic.
- B). Dietsduringunderweight, overweight and obesity.

UnitIII-

- A). Dietsindiseasesofintestine:diarrhoeaandconstipation.
- B). Dietsindiseasesofstomachandduodenum:dyspepsia,gastritisandpeptic ulcer.
- c). Dietinliverdiseases-hepatitis.

UnitIV

- A). DietinCardio-Vasculardiseases:hypertensionandAtherosclerosis.
- B). DietinKidneydisease-Nephritis.

UnitV-

- A).DiabetesMellitus:-Classification, Causes, Test, DietTherapy
- B) Diabetesinchildrenandpregnancy.

Practical M.M.50

A). Planningandpreparationofsoftandliquiddiet. E).Diet inDiarrhoeaandconstipation.

B). DietinKwashiorkor, Marasmus. F).Dietinpepticulcers.

C). Dietforunderweightandobese. G).Dietin Hypertension.

D). Dietinfevers. H).DietinDiabetes

Course outcome-

0

0

0

0

0

0

0

0

0

0

0

0

0

- · Understand the principles of meal planning and factors affecting it.
- To gain understanding of the concept of arriving at nutritional requirements
- Develop an understanding of nutritional requirements and concerns from childhood to old age

PaperIIHumanDevelopment-IV

M.M.50

UnitI-Young Adulthood(20to 35years)

- A) Definitionofanadult, its characteristics.
- B) Developmentaltaskofayoungadult, significance of the period, responsibilities and adjustments, parenthood, financial matters.

c) Occupational cycle.

UnitII-MiddleAdulthood(35 to50 years)

- A) Definition, physical changes (Senses, disease)
- B) Menopausesandassociatedhealthrisks.74
- c) Stressesinmiddleage,copingwithstressatfamily,workplace,occupation,jobsatisfaction.
- D) Preparation for retirement.

Unit III-Lateadulthood(50-60years)

- A) Definition, physiological changes, health problems, cognitive and memory changes.
- B) Retirement—
 effectofretirement(emotionalandeconomic)onselfandfamily,financialproblems
 faced, changes in relationship with family.

UnitIV-OldAge(65years onwards.)

- A) Personalitycharacteristicsofold age.
- B) Issues:Oldagehomescopingwithlonelinesspostparentalstatus., Recreationalactivities.

Course Outcome-

- Understand emergent issues in human development and child studies with respect
 to human life span and culture and demonstrate the ability to transact knowledge
 of childhood development and culture with in every day social context and
 workspaces.
- 2. Understanding Physical, Motor, Emotional, Cognitive, Moral, Language, Personality and Social Development in childhood and adolescence. Making students aware about importance of Play in child's life. Common behavioural problems and their remedies in various stages of life are explained which empower the students to help their dear ones and pupils to come out of their problems. By learning these students may become better parents and teachers.

3. Child psychology, Learning methods, Concept of intelligence and its measurement also form part of the syllabus which make students understand childhood in a better way.

PaperIIICommunityDevelopment

M.M.50

UnitI

A) Community Development—Meaning, Definitions, Types and scope.

UnitII

Û

Goals, Purposes and Problems of Community Development.

UnitIII

CommunitydevelopmentinIndia

a) Evolution of community development programme in Indias inceIn

dependence. B)Structure and function of community

development at different levels.

UnitIV

Supportstructuresandtheirfunctions:

A).Centralsocialwelfare board.

B). Welfareprogrammes: JRT, IRDP, ICDS, DWACRA.

c) National voluntary Agencies: CAPART, KVIC, ICAR

D) ElectedPanchayat.

UnitV

Criticalreviewofcommunitydevelopmentprogrammesinfiveyearplans.

Course Outcome-

- 1. Analyze the key elements that define a community and identify major community and social issues
- 2. individuals developing self-esteem and confidence, people participating in social activities to overcome social isolation.
- 3. increased participation in political and citizenship activities.

PaperIV familyhousing

M.M.50

Unit-I

(B)

Factorsinfluencingchoiceoffamilyhousing

A) Family Size-

SizeofFamily,FamilyStructure,Familyactivities,

Stage in Family Life Cycle.

- B) Incomeof family
- c) Availability of Housing
- D) Housingvalues&Standard
- E) Selectionofsite
- F) SelectionofHousesite:Typesofsoil,localityOrientationandPublicConvenience

Unit-II

0

0

0

0

0

9

9

ResidentialPlanning

- A) PrinciplesunderlyingtheplanningofHouse— Aspects, Prospects, Privacy, Grouping, Roominess, Flexibility, Sanitation, Circulation
- B) houseplanfordifferentincomegroupe

UNITIII

- A) Construction&BuildingMaterial
- B) Construction features of ahouse— Foundation walls, doors, windows. Floor & floor covering roof, Staircases.
- c) Building Materials-Bricks, Stones Cement, Lime, Plastics, Glass, Metals, Woods.

Unit-IV

- A) Advantages of rentingahouse
- B) Disadvantagesofrentingahouse
- c) Advantagesofhomeownership
- D) Disadvantagesofhomeownership

Unit-V:

A) GovernmentHousingScheme

0

0

0

B) FinancialInstitution-L.I.CBank, Housingboard cooperative housing societies

Practical –M.M.50

A) Making different House plans from the various Income levels.

b). VisitandObservationofaresidentialbuildingunder constructions

c). ModelMaking

Course outcome-

- Imparting knowledge pertaining to housing needs, house plans, space planning, selection of site and construction of materials, arrangement of funds.
- 2. Learning time, money and energy management to live a good quality life.
- Understanding human and non- human resources for a home. Developing managerial skills in a home maker. Introducing the concepts of values, goals and standards. Learning the process of decision making in the utilization of resources.

PaperVAdvancedClothingConstruction M.M.50

UnitI

0

- A) Drafting, and making paper patterns for different garments
- B) Placingandcuttingpatternsinrelationtofabric
- c) Principlesofgooddesign

UnitII

- A) Renovation&removalofdefectsingarments.
- B) Fitting Problems.

UnitIII

Clothinganditsimportance

- A) Biological, psychological and sociological aspects of clothing.
- B) Influenceofneedandenvironmentonclothing behaviour.

UnitIV

A) Fashion-FashionCycle, roleofFashionDesigners, currentFashiontrends.,

Practical

M.M.50

1. Constructionofgarments:

Childrenclothing

A)PleatedA-linefrock

- B) Yokedfrockwithsleeves
- c) Nightsuit(Bushirt&Pyj
- ama) Women's Clothing- A). Plain blouse
 - B) Cholicut blouse
 - D) A-lineKurta/Salwar

Course outcome-

- To introduce the methods of garments construction which includes drafting, cutting and sewing of garments for industrial as well as home production.
- 2. To introduce the basic concepts related to processing and production techniques of fibers, yarns, fabrics and other textiles products.
- 3. To familiarize students with the different concepts and processes of the Indian

apparel Industry.

4. To generate skills related to value addition techniques on apparels and textiles.

PaperVINursery SchoolEducation

M.M.50

Unit I

- A) Objectives and importance of Nursery school education.
- B) Characteristics, growth and development of nursery school child and identification of his/herneeds. Unit II
- A) Historical development of nursery schooled ucation with special reference to the country.
- B) Differentmethods&philosophiesofnurseryschoole ducation. Unit III
- A) roleofgovernmentandotheragenciesinprovidingnurseryschooleducation.

B) Development of play - meaning, importance and types of play.

c) Development of creativity—meaning, importance and expressions of creativity.

Practical M.M.50

A) Visittoatleast3NurserySchoolsandsubmissionofreport.

- B) PreparationofTeachingaidsforNurserySchoolChildren.
- C) Casestudyofapreschoolagechild.
- D) ParticipationinNurserySchoolorganizationandsubmissionofreport.

Course outcome-

- aims to provide high quality care and education for children and a secure foundation for learning in an encouraging and nurturing ..
- 2. It consists of introduction, vision for an **Indian child**, rationale and theoretical foundation for ECCE

SEMESTERVI

PAPERITEXTILEDESIGNING

M.M.50

UnitI

1

D

D

1

9

0

0

0

0

- A) Elementsandprinciplesofdesigninrelationtotextiles.
- B) Historyoftextiledesign.Classificationoftextiledesign wovenandprinted.Methodsofgetting design of textile and their comparison.

c) Preparationoffabricbeforedyeingandprinting.Industriallevelprocessing—singeing, desizing, scouring, bleaching, kier boiling, mercerizing. Cottage level processing - desizing, bleaching, carbonizing.

Unit∏

- A) Dyes-Classificationofdyes.
- B) Modeofactionandapplication-onyarnandfabric.
- c) Stylesofdyeing-direct, resist, discharge

UnitIII

- A) Printing-Methodsofprinting
- B) Handprinting-block, stencil, screen, spray
- c) Machineprinting

UnitIV

A) Traditional Textiles of India —Chanderiof Madhya-Pradesh, Brocade of Uttar
Pradesh (Banaras) and AndhraPradesh (Hyderabad), Patolaof Gujrat, Orissa and AndhraPradesh, Chambarumal of Himachal-Pradesh, Balucheri of Bengal, Muslin of
Dacca, Kosa silk of Chattisgarh.

UnitV

A) TraditionalEmbroideriesofIndia–
 Kashmiri,Phulkari,Chikankari,Kantha,Gujrati,Kasuti.

PRACTICAL

M.M.50

- A) Preparationofsamplesofalltraditionalembroideries.
- B)Preparationofsamples/articlesusingvariousdyeingandprinting techniques.

Course Outcome-

- Student will get basic insight of psychological aspects of clothing and fashion.
- 2. . Students will develop understanding regarding the fashion movement and consumer behavior.
- 3. Student will be able to develop an understanding of International and national fashion brands.

Unitl

- A) Basicprinciplesofhomefurnishing.
 - a) Elementsofart-Line, form, colour, pattern, lightcharacteristics & classification, texture, space.
 - b) Studyofcolours-classification, colourschemes and their effects.
- B) Principles of design-definition, characteristics and types.
 - a) Balance
 - b) Harmony
 - c) Scale
 - d) Proportion
 - e) Rhythm
 - f) Emphasis

UnitII

- A) Flowerarrangement
- B) Principles, selection and different flower arrangement styles.

UnitIII

- A) Lightingarrangement
- B) Naturalandartificialarrangementfordifferentroomsandactivitycenters.

UnitIV

- A)Furnishing materials
- c) Selection, purpose, placement, use and care of furnishing material
- a) Curtainand draperies
- b) Floor coverings
- c) Furniture
- d)Bedandbeddings

Practical

M.M.50

- A) Drawingofcolourwheelanddevelopingcolour schemes.
- B) Flowerarrangement-freshanddry.
- c) Floordecoration-RangoliandAlpnana

D) Preparation&placementofaccessoriesforinteriorenrichment.(Anytwo articles)

.

UnitI

- A) FoodSpoilage-its causes
- B) Perishable, semiperishable and nonperishable foods.
- c) Factorsaffectingthegrowthofmicro-organisms in the food.
- D) Intrinsicandextrinsic parameters.

UnitII

- A) Food Preservation
- B) Importanceandprinciplesoffoodpreservation
- c) Methodsoffood preservation.
- D) Useoflowtemperature(Refrigerationandfreezing)
- E) Useofhightemperature(Pasteurizationandsterilization)
- F) Useofpreservatives.
- G) Drying.
- H) Radiation.

UnitIII

- A) Food Fermentation
- B) Microorganismsasfood-SCP(SinglecellProtein)
- c) FoodAdulterationanditshouseholdmethodsofdetection.

UnitIV

- A) FoodAdditives-definitionandclassification.
- B) GeneralprinciplesoftheuseoffoodadditivesissuedbyFAO, WHO.
- c) Naturalandsyntheticpreservatives.

UnitV

A) FoodLawsandStandards.

- B) Responsibleagencies for safe food.
- c) Presentregulations/orders/standardsrelatedtofood.

Practical M.M.50

A) Preparationofjams, jellies, marmalades, murrabbas, pickles, chutneys, squashes, s

B) Bottlingoffruit juices.

COURSE OUTCOME

- 1. Understand what is canning food preservation, drying food preservation and freezing food preservation.
- Recall food preservatives examples and can explain how they are used to preserve foods.
- 3. Understand how do microorganisms spoil food.

(1)

0

© C)Gainknowledgetomanagemanpowerandestablishgoodhumanrelations.

D)Gainexperienceinfinancial management

COURSE OUTCOME

0

0

0

0

0

0

(B)

0

- Acquire fundamental knowledge of menu planning and resource management in a food service establishment.
- · Develop understanding of recipe standardization and quantity food production.
- Understand the making of a business plan for small catering establishments.
 Apply the knowledge gained for starting a successful food service unit

PaperVExtensionTraining&Management

M.M.50

UnitI

A) Extensiontrainingconcept.

B) Characteristics, principles and psychological concepts used intraining.

c) Characteristicsofadultlearner.

D) Factorsaffectinglearner.

UnitII

A) Extensiontrainingmethods-individual, group, mass contact.

B) Participationtechniques(PRA)fortraining.

 Componentsoftrainingobjectives,methods,instructionalmaterials,monitoring&evaluation.

UnitI

II

- A) Trainingmanagement.
- B) Meaning.
- c) Structure.
- D) Systemof management.

UnitI

V

- A) FunctionalaspectsofHomeSciencetrainingmanagement.
- B) Planning.
- c) Steps.
- D) Types.
- E) Decisionmakingprocess.

Unit

V

A) Organizinghuman&nonhumanresourceof training.

B) Behaviouralaspectsofmanagementmotivation,leadership,strategy,creativity.

C) Roleofgovernmentandnon-governmentagenciesinregularizingtraining.

D) Obstaclesinmanagementof training.

E) Roleofmaintainingandevaluationintraining.

M.M.50 Practical

Preparationoflesson plans. A)

Developmentofinstructionalmaterials forthelesson. B)

Planningandorganizinggroupdiscussion.
Traininginuseandcareofequipment's forextensionservice including audiovisualaids.

COURSE OUTCOME

- 1. To impart practical based knowledge on agriculture and allied sectors
- 2. To impart in-depth practical knowledge in rural development
- 3. To provide hand hold exposure on agriculture -allied sectors like Diary, Apiculture, Fishery, Poultry science etc.
- 4. To disseminate different rural technologies through various extension activities

Birdu Sharne Bun-

Brue Jank Com

Home Science Courses (ANNEXURE-II) C.C.S. UNIVERSITY, CAMPUS (Eligibility Criteria)

Course Name :- B.Sc Home Science (Honours)

Duration :- 3 year programme

0

0

0

0

0

0

0

0

0

Eligibility: The Candidate should have completed 10 + 2 with 45% marks in PCB/PCM/PCMB

or HomeScience in 10th or 12th Class.

Proposed Fees: Rs. 20,000/- Tuition fees + University fees (12,500 1styear 2 10,500 2nd 3nd) Old fees: - Rs. 25,000/-Tuition feest University fees (12,500/15/year and 10,500/- 2nd2 3rdyon

Programme Structure Type :- Semester

EM.	COURSE TITLE	THEORY	PRACTICAL
	English Language and Communication Skills	50	
	Basics of Computer Sciences	50	50
English Language and Con Basics of Computer Science Applied Life Sciences Basics of Food & Nutrition Introduction to Textiles Life Span Development — Applied Physical Sciences Management of Family Reson Gender, Media and Society Nutrition — A Life Span Appr Personal Finance and Consum Psychology for Human Devel	Applied Life Sciences	50	25
	Basics of Food & Nutrition	50	50
	Introduction to Textiles	50	50
	Life Span Development – 1	50	25
		300	200
	Applied Physical Sciences	50	50
	Management of Family Resources	50	
CECCANDA	Gender, Media and Society	50	50
SECOND	Nutrition – A Life Span Approach	50	50
	Personal Finance and Consumer Studies	50	
	Psychology for Human Development	50	50
	C Sindu Sharma O mile	300	∖ 200

THIRD	Textile Design	50	50
	Advanced Food Science	50	50
	Life Span Development –II	50	50
	Area/Space Planning and Design	50	
	Human Physiology	50	-
	n Systems and Mass Media	50	50
		300	200
	Nutritional Biochemistry	50	50
	Clothing Construction	50	
	Entrepreneurship for Small Catering Units	50	50
FOURTH	Information and Communication Technologies forDevelopment	50	
	Child Rights/Welfare in India	50	50
	Advertising and Public Relations	50	50
		300	200
	Therapeutic Nutrition	50	50
	Family Dynamics	50	4.
	Public Health Nutrition and Preventive Healthcare	50	50
FIFTH	Research Methodology in Home Science	50	
	Fashion Design Concepts	50	50
	Market Survey/Case Study in any one of the areas of Home Science	-	100
) ° 1.	C J Brul Birdisharma	250	250

Dil.e

Bun

Jahr

Va bit

	NGO Management and CSR (Corporate Social Responsibility)	50	50
SIXTH	Socio Economic Environment	50	
	Community Nutrition	50	70 -
	Internship/Project Report		300
Jamle	Barrie Birdicharne	150	350

Opin - en

w

Va li

1.Course Name :- B.Sc Home Science

Duration: - 3 year programme

(

(

Eligibility:- The Candidate should have completed 10 + 2 with 45% marks in PCB/PCM/PCMBor Home Science in 10th or 12th Class.

Proposed Fees: - Rs.20,000/= per year Tuition fees + University fees

(Rs.6335/- 1st year and Rs.3925/- 2ndyear & 3rd Year)

University fees Programme Structure Type :- Semester

B.Sc. Home Science

S.No.	1 st Semester.	Th.	Pr.	Total
1	English Language &Communication Skills	50	-	50
2	Communication and Instructional Technology	50	50	100
3	Introduction to Human Development-I	50	25	75
4	Food Science	50	50	100
5	Human Physiology	50	25	75
6	Computer Basic	50	50	100
7	Environmental Science-Qualifying Paper			
	Total	300	200	500
	Hnd Semester.			
1	Introduction to Textiles	50	50	100
2	Introduction to Resource Management	50	50	100
3	Applied Physics	50	25	75
4	Applied Chemistry	50	25	75
5	Sanitation & Hygiene	50	-	50
6	Meal Management	50	50	100
	Total	300	200	500

	IIIrd Semester.			
1	Family Dynamics	50	-	50
2	Child Development	50	-	50
3	Consumer Economics	50	50	100
4	Nutritional Bio-Chemistry	50	50	. 100
5	Laundry Science& Finishing of Fabrics	50	50	100
6	Applied Life science-I	50	50	100
	Total +	300	200	500
127				

Birds Sharne Band

S.No.	IVth Semester	Th.	Pr.	Total
1	Introduction to Clothing Construction	50	50	100
2	House Hold Equipments	50	50	75
3	Food Microbiology	50	50	100
4	Applied Life Sciences-II	50	50	100
5	Human Development-III	50	-	50
6	Community Nutrition	50	-	75
	Total	300	200	500
	V Semester			
1	Therapeutic nutrition	50	50	100
2	Human Development-IV	50	-	50
3	Community Development -	50	-	50
4	Family Housing	50	50	100
5	Advanced Clothing Construction	50	50	100
6	Nursery School Education	50	50	100
	Total	300	200	500
	VIth Semester			
1	Textile Designing	50	50	100
2	Interior Decoration & Art Principles	50	50	100
3	Food Preservation & Protection	50	50	100
4	Entrepreneurship & Motivation	50	50	100
5	Extension Training & Management	50	50	100
	Total	250	250	500
	Grand Total	1750	1250	3000

Birdy Sharne Rame Brul Samle Com