

BHAKTA KAVI NARSINH MEHTA UNIVERSITY



FACULTY OF HOME SCIENCE

Syllabus For

B.A. HOME SCIENCE (GENERAL)

C.B.C.S (Three Year) Programme

Effective From June – 2016 – 2017

Website : www.bknmu.edu.in

Preamble

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, method in family and community linkages, and sustainable use of resources for human development are the hall mark 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 Sciences 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 Sciences 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 organization, food and textile industries, dietetic practice, education and child development domains, accreditation of green buildings, strategic planning and communication technology. Keeping in view the growing aspirations of today's youth and the capacity of Home Science discipline to deliver, the present 3-year Choice Based Credit System curriculum has been drawn up.

Years of national and international experiences 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 principles of a Home Scientists, 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 development and developing societies.

The University Grants Commission's model curriculum of Home Science in both developed and developing societies.

The objectives of the B.A. Home Science General course are:

- To understand and appreciate the role of interdisciplinary sciences in the developing and well-being of individuals, families and communities
- To learn about the sciences and technologies that enhance quality the life of people
- To acquire professional and entrepreneurial skills for economic empowerment of the student in particular, and community in general
- To develop professional skills in food, nutrition, textiles, housing, product making, communication technologies and human development
- To take science from the laboratory to the people

Structure of Programme

* **B.A.** Programme consists in **SIX** semester

* There will be **Three** types of course.

1.	Foundation Course	FC	8
2.	Core Courses	CC	30
3.	Elective Course	EC	8
	TOTAL		46

* For each semester the hours per week and credit will be assigned as under:

Semester	Courses	Credits	Hours
I	08	30/32	36/40
II	08	30/32	36/40
III	08	30/32	36/40
IV	08	30/32	36/40
V	07	29	37
VI	07	29	37
TOTAL	46	178/186	218/234

* The entire programme will contain 46 courses, 178 credits and 218 hours classroom work per week.

* There will be **two** types of courses for Home Science.

1.	Core Course	CC	30
2.	Elective Course	EC	08
	TOTAL		38

Details of course offering under graduate
(B.A. HOME SCIENCE)

SR. NO.	COURSE	PAPER	THEORY + PRACTICAL	CREDIT	HOURS
1	Foundation Course (FC)	08	24 + 0	24	24
2	Core Course (CC)	30	90 + 40	130	170
3	Elective Course (EC)	08	24 + 0/8	24/32	24/40
	TOTAL	46	138 + 40/48	178/186	218/234

HOME SCIENCE

SR. NO.	COURSE	PAPER	THEORY + PRACTICAL	CREDIT	HOURS
1	Core Course (CC)	30	90 + 40	130	170
2	Elective Course (EC)	08	24 + 0/8	32	40
	TOTAL	38	114 + 48	162	210

CHOICE BASED CREDIT SYSTEM (CBCS) IN

B.A. HOME SCIENCE – GENERAL

SEMESTER	FC	CC	EC
I	FCE/H – I FCS - I	CC – 1 CC – 2 CC – 3 CC - 4	EC – 1 EC - 2
II	FCE/H – II FCS - II	CC – 5 CC – 6 CC – 7 CC – 8	EC – 1 EC - 2
III	FCE/H – III	CC – 9 CC – 10 CC – 11 CC – 12 CC – 13	EC – 1 EC - 2
IV	FCE/H – IV	CC – 14 CC – 15 CC – 16 CC – 17 CC – 18	EC – 1 EC - 2
V	FCE/H – V	CC – 19 CC – 20 CC – 21 CC – 22 CC – 23 CC – 24	
VI	FCE/H – VI	CC – 25 CC – 26 CC – 27 CC – 28 CC – 29 CC – 30	

B.A Home Science – General

Semester	Course	Paper	Credit T + P = Total	Hours
I	F.C.	2	06 + 00 = 06	06
	CC	4	12 + 06 = 18	24
	E.C.	2	06+0/2=6/8	6/10
			30/32	36/40
II	F.C.	2	06 + 00 = 06	06
	CC	4	12 + 06 = 18	24
	E.C.	2	06+0/2=6/8	6/10
			30/32	36/40
III	F.C.	1	03 + 0 = 03	03
	CC	5	15 + 6 = 21	27
	E.C.	2	6 + 0/2 = 6/8	6/10
			30/32	36/40
IV	F.C.	1	03 + 0 = 03	03
	CC	5	15 + 6 = 21	27
	E.C.	2	6 + 0/2 = 6/8	6/10
			30/32	36/40
V	F.C.	1	3 + 0 = 3	03
	CC	6	18 + 8 = 26	34
			29	37
VI	F.C.	1	3 + 0 = 3	03
	CC	6	18 + 8 = 26	34
			29	37
TOTAL COURSE IN HOME SCIENCE		Course	Credit	Hours
		CC - 30	90+40=130	170
		EC - 08	24+8= 32	40
		38	162	210

Structure of Examination & Marking System

Total Marks / Paper = 100

- * Marks assigned and its division into (1) External Exam= 70 Marks
(2) Internal Exam= 30 Marks
(3) Practical Exam= 20Marks

- * In the paper with practical work, the external marks divided

- External Marks	:	Theory Exam	:	50
		Practical Exam	:	20
- Internal	:		:	30

- * Marking scheme for External Examination = 70 Marks

Sr No	Type of Question	Que.No		Marks	
		The.	Pra.	Theory Sub	Prac.Sub
1	Long Questions	04	03	4x15=60	3x5=15
2	Short Note	01	01	1x10=10	1x5=05
(Each with internal option)		Time:		2:30 hours	2:00 hours

- * Marking scheme for Internal Exam = 30 Marks

(i) M.C.Q. Test – I	:	10 Marks
(ii) M.C.Q. Test – II	:	10 Marks
(iii) Assignment	:	10 Marks

- * Marking scheme for Practical Exam = 20 Marks

(iv) Journal Work	:	05 Marks
(v) Practical	:	10 Marks
(vi) Viva	:	05 Marks

Duration of Practical Exam : 2:30 hours

Duration of Theory Exam : 70 Marks: 2:30 hours

: 50 Marks: 2 hours

SUBJECT WITH CODE

SEMESTER	NO.	SUB-NAME
I	CC - 1	NUTRITION AND FOOD SCIENCE – I
	CC - 2	CHILD DEVELOPMENT
	CC - 3	RESOURCE MANAGEMENT – I
	CC - 4	FAMILY AND COMMUNITY SCIENCE EDUCATION – I
II	CC - 5	NUTRITION AND FOOD SCIENCE – II
	CC -6	MOTHER CRAFT AND CHILD CARE
	CC -7	RESOURCE MANAGEMENT – II
	CC -8	FAMILY AND COMMUNITY SCIENCE EDUCATION – II
III	CC - 9	MEAL MANAGEMENT
	CC - 10	CLOTHING AND TEXTILE – I
	CC -11	HOME SCIENCE EDUCATION AND EXTENSION – I
	CC -12	TIME & ENERGY RESOURCE MANAGEMENT
IV	CC -13	HEALTH & NURSING
	CC - 14	FOOD PRESERVATION AND PACKAGING
	CC -15	CLOTHING AND TEXTILE – II
	CC -16	HOME SCIENCE EDUCATION AND EXTENSION – II
V	CC -17	DISASTER MANGEMENT
	CC -18	FAMILY AND COMMUNITY HEALTH
	CC -19	DIET THERAPY
	CC - 20	GARMENT SEWING TECHNIQUE
VI	CC -21	APPLIED ART
	CC -22	FAMILY HOUSING
	CC -23	HEALTHY MARRIED LIFE
	CC - 24	TRAVEL TOURISM MANAGEMENT
VI	CC - 25	CHILD NUTRITION
	CC -26	FASHION DESIGNING & EMBROIDERY
	CC -27	COMMERCIAL ART
	CC -28	INTERIOR DESIGN
	CC -29	HEALTHY FAMILY AND FAMILY PLANNING
	CC -30	HOTEL MANAGEMENT

SEMESTER	NO.	ELECTIVE COURSE
SEM – I	EC – I	NUTRITION AND FOOD SCIENCE – I
	EC - II	FAMILY AND COMMUNITY SCIENCE EDUCATION – I
SEM – II	EC - I	NUTRITION AND FOOD SCIENCE – II
	EC - II	FAMILY AND COMMUNITY SCIENCE EDUCATION – II
SEM – III	EC - I	CLOTHING AND TEXTILE – I
	EC - II	HEALTH & NURSING
SEM – IV	EC - I	CLOTHING AND TEXTILE – II
	EC - II	DISASTER MANGEMENT

❖ ABBREVIATIONS :-

FC	Foundation Course (FC)
CC	Core Course (CC)
EC	Elective Course (EC)
C	Credit
IM	Internal Marks
PM	Practical Marks
EM	External Marks
TM	Total Marks

DETAIL OF SEMESTERWISE COURSE
B.A. HOME SCIENCE GENERAL SEMESTER 1

SR NO	COURSE	SUBJECT	T + P	CREDITS	I.M	P.M	E.M	T.M	HOURS
1	FC – 1	ENGLISH – I	3 + 0	3	30	0	70	100	3
		OR							
		HINDI – I	3 + 0		30	0	70	100	
2	FC – 2	SANSKRIT – I	3 + 0	3	30	0	70	100	3
3	CC – 1	NUTRITION AND FOOD SCIENCE – I	3 + 2	5	30	20	50	100	7
4	CC – 2	CHILD DEVELOPMENT	3 + 2	5	30	20	50	100	7
5	CC – 3	RESOURCE MANAGEMENT – I	3 + 2	5	30	20	50	100	7
6	CC – 4	FAMILY AND COMMUNITY SCIENCE EDUCATION – I	3 + 0	3	30	0	70	100	3
7	ELE – 1 ANY ONE	NUTRITION AND FOOD SCIENCE – I	3 + 2	5	30	20	50	100	7
		OR							
		PSYCHOLOGY	3 + 0		30	0	70	100	3
		OR							
		SOCIOLOGY	3 + 0		30	0	70	100	3
8	ELE – 2 ANY ONE	FAMILY AND COMMUNITY SCIENCE EDUCATION – I	3 + 0	3	30	0	70	100	3
		OR							
		PSYCHOLOGY	3 + 0	3	30	0	70	100	3
		OR							
		SOCIOLOGY	3 + 0	3	30	0	70	100	3
			TOTAL	30/32	240	60/80	480/500	800	36/40

FACULTY OF ARTS

Syllabus

SEMESTER 1

Subject: HOME SCIENCE

Course (Paper) Name & No.: CC-1 NUTRITION AND FOOD SCIENCE – I

Course (Paper) Unique Code: _____

External exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	I	Core	5	30	50	20	100

Objectives:-

This course will enable the student to....

- ✓ Understand the function and rule of food groups, balanced various diet, nutritional contribution of food.
- ✓ To develop an ability to improve the nutritional quality of food.
- ✓ To develop an ability to cure deficiency diseases through food and to maintain the health of family and nation.

Theory:-

Unit-I: Meaning, Definition and Importance of food and nutrition.

Unit-II: Classification and nutritional contribution of food stuffs.

- 1 Cereals and Pulses.
- 2 Milk and Milk products.
- 3 Vegetables and Fruits.
- 4 Sugar and Jaggery.
- 5 Nuts and Oil seeds.
- 6 Fats and Oil.
- 7 Eggs, meat and fish.

Unit-III: Cooking Methods.

- Advantages of cooking.
- Methods of cooking.
- Their effects on nutrients.

- 1 Boiling
- 2 Steaming
- 3 Roasting

- 4 Frying
- 5 Baking
- 6 Solar Cooking

Unit- IV: Health Foods.

- ✓ Prebiotic Foods.
- ✓ Probiotic Foods.
- ✓ Functional Foods.
- ✓ Unconventional Foods.
- ✓ Neutra ceutical Foods

Unit-V:

- ✓ Definition and meaning of calorie
- ✓ Factors affecting on calorie requirements
- ✓ Determination of energy value of food (direct and in direct method)
- ✓ Effects of low and excess calorie on body

Practical:-

- 1 To prepare any one health food or drink.
- 2 To prepare low calorie dish.
- 3 To prepare high calorie dish.

References:-

- 1) Dr. Rajiv Sharma – “Bhojan dvara chikitsa” Manoj Publication – 2009.
- 2) Ahar avam poshan ke mul aadhar-shrimati **B.K. Bakshi**- agraval publication Agra –2 .
- 3) Posan aur Aahar Vigyan- D.R.vimalesh kumara Discovery Publishing House – New Delhi-2006.
- 4) Swaminathan M.S. Essentials of food and nutrition VI-1985.
- 5) Food and health, M.L. Nara Saiah,Discover Publishing House, New Delhi-2004.
- 6) Fundamentals of Food and Nutrition Nilam Budhhadev, **Pravin** Pustak bhandar-Rajkot -**2004**.

Website:-

- 1 [http:\health-wikinet.com](http://health-wikinet.com)
- 2 www.thesevenbasicfoodgroupsforpropernutrition.wikipedia.com
- 3 [http:\medicaldictionary.thefreedictionary.com/over nutrition](http://medicaldictionary.thefreedictionary.com/over%20nutrition)

FACULTY OF ARTS

Syllabus

SEMESTER 1

Subject: HOME SCIENCE

Course (Paper) Name & No.: CC-2 CHILD DEVELOPMENT

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	I	Core	5	30	50	20	100

Objectives :

1. To introduce the student to the field of child development.
2. To sensitize the student to understand the development in child, it's concepts, scope, objective and importance.
3. To sensitize the student to interventions in the field of child development.

Theory:

Unit : I Child Study:

- Introduction
- Historical background of child study
- Importance of child study
- Objectives of child study

Unit: II Introduction of Child Development:

- Definition and scope.
- Objectives of child study.
- Importance of child development.

Unit: III Growth and Development:

- Meaning of growth & development.
- Difference between growth & development.
- Principle of development.

Unit: IV Areas of Development:

- Physical development
- Mental development
- Social development
- Emotional development
- Motor development

Unit: V Stages of Development:

- Stages of development.
- Factors effecting development.

Practicals :

1. Visit to Balwadi & Observation of child behavior.
2. Prepare a storybook, song, album and scrapbook for children.
3. Prepare a indoor game for children.

Reference:

1. Baby & Child – Home Medical Care. Mitchell J. Einzig & Terril H. Hast Unicorn Books – Pustak Mahal Delhi.
2. Health Care & Mental Hygiene of a child. Nira Gupta – ABD Publishers Jaipur.
3. Keeping Kids Safe, Dr. Kenneth Shore.
4. Metrukala avm Balvikas (Hindi), Dr. Nita Agrawal & Dr. Vida Nigam, Agrawal Publications, Agra-2.
5. Metrukala avm Shishukalyan (Hindi), Mrs. Brindashih, Shayam Prakashan, Jaipur.
6. Metrukala avm Shishukalyan (Hindi), Dr. G.P. Shaary, Vinod Pustak Mandir, Agra.
7. Bacchoka Palan Poshan (Hindi), Shri Ajarab, Pupiles Publishing
8. House Ltd. New Delhi-55

Web:

1. www.books.google.com
2. www.khaj.indinindex
3. www.google.childdevelopment.in

FACULTY OF ARTS**Syllabus****SEMESTER 1**Subject: HOME SCIENCECourse (Paper) Name & No.: CC-3 RESOURCE MANAGEMENT – I

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	I	Core	5	30	50	20	100

Objectives:

- To create an awareness among the students about home management in the family as well as the other systems.

Theory:**Unit-I. Introduction to home management**

- œ Definition of home management
- œ Importance of home management
- œ Process of home management

A. Planning

1. Importance of Planning
2. Types of Planning
3. Steps of Planning

B. Controlling

1. Steps of Controlling
2. Steps of Success

C. Evaluation

1. Importance of Evaluation
2. Types of Evaluation

Unit-II. Principles of home management

- A. To complete the basic requirement.
- B. Balancing income and expenditure.
- C. To complete household activities skillfully.

Unit-III. **Fundamental Motives of home management**

1. Value
 - Definition of value
 - Importance of value
 - Types of value
2. Goals
 - Definition of goals
 - Importance of goals
 - Types of goals
3. Standard
 - Definition of Standard
 - Importance of Standard
 - Types of Standard

Unit-IV. **Decision Making**

- œ Definition of decision
- œ Importance of decision
- œ Types of decision
- œ Process of decision making

Practicals:

- 1) Poster making
- 2) Flower arrangement
- 3) Sewing various types of curtains.

References:

- œ Iroma H. Gross, Elizabeth Grandall marjoris M. Knoll (1937): Management for modern families, prentice Hall, Mc, Englewood Cliffs, New Jersey(Unit: 1-8) paulena Nickell & Jean Muir Dorserly – 1967
- œ Management in family living – 4th edition.
- œ Mohinder K. Mann – 1980 Home management for Indian families 2nd edition.
- œ Madhuben Thakkar – 1998 – Introduction to home management.
- œ Nira Bhatnagar – 1989 – Home Management.
- œ Dr. G.P. Shairy – 2000 – Household management and household art.
- œ Dr. Smt. Kanti Pandey – 1984 –Home management
- œ Dr. Asha Parik – 1988 –Home management.
- œ Dr. Smt. B.D. Harpalani – 2002 – Home management.

Websites:

- 1) books.google.com/books/home-managment.in
- 2) wiki.answers.com>.....>
- 3) www.google.resourcemanagment.in

FACULTY OF ARTS**Syllabus****SEMESTER 1**Subject: HOME SCIENCECourse (Paper) Name & No.: CC-4 FAMILY AND COMMUNITY SCIENCE EDUCATION – I

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	I	Core	3	30	70	-	100

Objectives:

1. To enable the students to acquire the knowledge and skills required for holistic understanding of the field of home science education.
2. To enable the students to acquire the knowledge and competence to teach and practice home science in relevant setting.

Theory:**Unit: I Meaning, Importance & Aims of teaching home science education:****Unit: II Methods of teaching home science education:**

1. Lecture method - (advantages - disadvantage)
2. Laboratory method - (advantages - disadvantage)
3. Discussion method - (advantages - disadvantage)
4. Demonstration method - (advantages - disadvantage)
5. Project method - (advantages - disadvantage)
6. Assignment method - (advantages - disadvantage)

Unit: III Teaching Aids of home science education

- | | | |
|--------------------|-----------------|----------------------|
| 1) Visual Aids | 2) Audio Aids | 3) Audio Visual Aids |
| - Black board | - Radio | - Television |
| - Bulletin board | - Record player | - Film |
| - Showcase display | | |
| - Flash card | | |
| - Poster | | |
| - Pictures | | |

Unit: IV Qualities of house science ideal teacher:

1. General qualities.
2. Special qualities.
3. Personal expertise.

Unit: V Job Opportunities in home science education:

Reference:

1. Devadas R.P. 1958 – The meaning of home science – Coimbatore.
2. Kinder J.S. 1950 – Audio – Visual materials and techniques, New York
3. Mujibu Hasan Siddiqui – 2007 – Teaching home science.
4. Dr. G.P. Shairy -2007 – Home science education.
5. Dr. S.P. Sukhiya 1984 – Home science education.
6. Spat ford I.A. 1948 - Functioning programme of home economics – New York, American book.
7. Sumita Jain – 2007 – various aspects of home science.
8. Anita Varma – 2007 – Home Science Education.
9. Dipti Desai – 1992 – Home Science Education.

Web:

1. Books.google.co.in\books
2. Books.google.com>House & Home>General
3. Socyberty.com>education.

FACULTY OF ARTS

Syllabus

SEMESTER 1

Subject: HOME SCIENCE

Course (Paper) Name & No.: ELE-1 NUTRITION AND FOOD SCIENCE – I

Course (Paper) Unique Code: _____

External exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	I	Elective	5	30	50	20	100

Objectives:-

This course will enable the student to....

- ✓ Understand the function and rule of food groups, balanced various diet, nutritional contribution of food.
- ✓ To develop an ability to improve the nutritional quality of food.
- ✓ To develop an ability to cure deficiency diseases through food and to maintain the health of family and nation.

Theory:-

Unit-I: Meaning, Definition and Importance of food and nutrition.

Unit-II: Classification and nutritional contribution of food stuffs.

- 2 Cereals and Pulses.
- 2 Milk and Milk products.
- 3 Vegetables and Fruits.
- 4 Sugar and Jaggery.
- 5 Nuts and Oil seeds.
- 6 Fats and Oil.
- 7 Eggs, meat and fish.

Unit-III: Cooking Methods.

- Advantages of cooking.
- Methods of cooking.
- Their effects on nutrients.

- 1 Boiling
- 2 Steaming
- 3 Roasting

- 4 Frying
- 5 Baking
- 7 Solar Cooking

Unit- IV: Health Foods.

- ✓ Prebiotic Foods.
- ✓ Probiotic Foods.
- ✓ Functional Foods.
- ✓ Unconventional Foods.
- ✓ Neutra ceutical Foods

Unit-V:

- ✓ Definition and meaning of calorie
- ✓ Factors affecting on calorie requirements
- ✓ Determination of energy value of food (direct and in direct method)
- ✓ Effects of low and excess calorie on body

Practical:-

- 1 To prepare any one health food or drink.
- 2 To prepare low calorie dish.
- 3 To prepare high calorie dish.

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- 7) Dr. Rajiv Sharma – “Bhojan dvara chikitsa” Manoj Publication – 2009.
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- 9) Posan aur Aahar Vigyan- D.R.vimalesh kumara Discovery Publishing House –
New Delhi-2006.
- 10) Swaminathan M.S. Essentials of food and nutrition VI-1985.
- 11) Food and health, M.L. Nara Saiah,Discover Publishing House, New
Delhi-2004.
- 12) Fundamentals of Food and Nutrition Nilam Budhhadev, **Pravin** Pustak
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- 1 [http:\health-wikinet.com](http://health-wikinet.com)
- 2 www.thesevenbasicfoodgroupsforpropernutrition.wikipedia.com
- 3 [http:\medicaldictionary.thefreedictionary.com/over nutrition](http://medicaldictionary.thefreedictionary.com/over%20nutrition)

FACULTY OF ARTS**Syllabus****SEMESTER 1**Subject: HOME SCIENCECourse (Paper) Name & No.: ELE - 2 FAMILY AND COMMUNITY SCIENCE EDUCATION –I

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	I	Elective	3	30	70	-	100

Objectives:

- To enable the students to acquire the knowledge and skills required for holistic understanding of the field of home science education.
- To enable the students to acquire the knowledge and competence to teach and practice home science in relevant setting.

Theory:**Unit: I Meaning, Importance & Aims of teaching home science education:****Unit: II Methods of teaching home science education:**

- Lecture method - (advantages - disadvantage)
- Laboratory method - (advantages - disadvantage)
- Discussion method - (advantages - disadvantage)
- Demonstration method - (advantages - disadvantage)
- Project method - (advantages - disadvantage)
- Assignment method - (advantages - disadvantage)

Unit: III Teaching Aids of home science education

- | | | |
|--------------------|-----------------|----------------------|
| 1) Visual Aids | 2) Audio Aids | 3) Audio Visual Aids |
| – Black board | – Radio | – Television |
| – Bulletin board | – Record player | – Film |
| – Showcase display | | |
| – Flash card | | |
| – Poster | | |
| – Pictures | | |

Unit: IV Qualities of house science ideal teacher:

4. General qualities.
5. Special qualities.
6. Personal expertise.

Unit: V Job Opportunities in home science education:

Reference:

- 7 Devadas R.P. 1958 – The meaning of home science – Coimbatore.
- 8 Kinder J.S. 1950 – Audio – Visual materials and techniques, New York
- 9 Mujibu Hasan Siddiqui – 2007 – Teaching home science.
- 10 Dr. G.P. Shairy -2007 – Home science education.
- 11 Dr. S.P. Sukhiya 1984 – Home science education.
- 12 Spatford I.A. 1948 - Functioning programme of home economics – New York, American book.
- 13 Sumita Jain – 2007 – various aspects of home science.
- 14 Anita Varma – 2007 – Home Science Education.
- 15 Dipti Desai – 1992 – Home Science Education.

Web:

4. Books.google.co.in\books
5. Books.google.com>House & Home>General
6. Socyberity.com>education.

B.A. HOME SCIENCE SEMESTER – 2

SR NO	COURSE	SUBJECT	T + P	CREDITS	I.M	P.M	E.M	T.M	HOURS
1	FC – 3	ENGLISH	3 + 0	3	30	0	70	100	3
		OR							
		HINDI – II	3 + 0		30	0	70	100	
2	FC – 4	SANSKRIT – II	3 + 0	3	30	0	70	100	3
3	CC – 5	NUTRITION AND FOOD SCIENCE – II	3 + 2	5	30	20	50	100	7
4	CC – 6	MOTHER CRAFT AND CHILD CARE	3 + 2	5	30	20	50	100	7
5	CC – 7	RESOURCE MANAGEMENT – II	3 + 2	5	30	20	50	100	7
6	CC - 8	FAMILY AND COMMUNITY SCIENCE EDUCATION – II	3 + 0	3	30	0	70	100	3
7	ELE – 1 ANY ONE	NUTRITION AND FOOD SCIENCE – II	3 + 2	5	30	20	50	100	7
		OR							
		PSYCHOLOGY	3 + 0	3	30	0	70	100	3
		OR							
		SOCIOLOGY			30	0	70	100	
8	ELE – 2 ANY ONE	FAMILY AND COMMUNITY SCIENCE EDUCATION – II	3 + 0	3	30	0	70	100	3
		OR							
		PSYCHOLOGY			30	0	70	100	
		OR							
		SOCIOLOGY			30	0	70	100	
			TOTAL	30/32	240	60/80	480/500	800	36/40

FACULTY OF ARTS**Syllabus****SEMESTER 2**Subject: HOME SCIENCECourse (Paper) Name & No.: CC-5 NUTRITION AND FOOD SCIENCE – II

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	II	Core	5	30	50	20	100

Objectives:

- To understand the function and rule of various nutrients, their requirements and the effects of deficiency.
- To develop the skills to prepare protein, vitamin, mineral, rich diet and improve the health of family.
- To enable the student to cure malnutrition under nutrition and over nutrition through rich sources food stuffs.

Theory:**Unit-I.**

- ✓ Meaning, definition of nutrition.
- ✓ Classification, function, and sources of carbohydrates.

Unit-II. Classification, function, sources and deficiency diseases of proteins.

Unit-III. Classification, function, and sources of fat.

Unit-IV. Functions, sources and deficiency diseases of vitamins.

- 1) Thiamine (Vitamin-B1)
- 2) Riboflavin (Vitamin-B2)
- 3) Niacin (Vitamin-B3)
- 4) Vitamin-C
- 5) Vitamin-A
- 6) Vitamin-D

Unit-V. Functions, sources and deficiency diseases of minerals.

- 1) Calcium
- 2) Phosphorus
- 3) Iron

Practical:

- 1) To prepare protein rich dish
- 2) To prepare vitamin rich dish(Anyone)
- 3) To prepare mineral rich dish.

References

- 1) Swaminathan M.S. “Essentials of food and nutrition”-VI-1985
- 2) “Fundamentals of food and nutrition” –Nilam Bhudhadev and Bhavna Vaid, Pravin Pustak Bhandar – Rajkot-2004
- 3) Food Science- CFTRI-Mysore
- 4) Williams S.R. “Nutrition and diet therapy” 4th edition 1989]
- 5) Robinson C.H., “Normal and therapeutic nutrition” 17th edition 1986
- 6) Chintpalli Vidhya – “A text book of nutrition- Discovery publishing house – 2010
- 7) B.K. Bakshi – “Ahar Avam Poshan Vigyan” Agraval publishing
- 8) Dr. Snehlata “Nutrition status” Discovery publishing house- 2006
- 9) Sangita Gautam “Nutrition science” Shrishti book distribution – 2007
- 10) Chaney and Ross “Nutrition” Surgeet publication – 2007

Website:

- 1) <http://www.innvista.com/health/nutrition/amino/pclass.htm>
- 2) <http://wiki.answer.com/foodand nutrition.com>
- 3) <http://www.helthyvitamin.choice.com/fatwater-somble.html>

FACULTY OF ARTS

Syllabus

SEMESTER 2

HOME SCIENCE

Subject: _____

Course (Paper) Name & No.: CC -6 MOTHER CRAFT & CHILD CARE

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	II	core	5	30	50	20	100

Objectives:

1. To introduce the student to the field of mother craft.
2. To sensitize the student to understand the field of child care, scope and importance.
3. To sensitize the student to interventions in the field of mother craft and child care.

Theory:

Unit: I Meaning and Importance of Mother Craft & Child Care:

- Meaning of mother craft.
- Meaning of mother craft & child care.
- Importance of mother craft & child care.
- Scope of mother craft & child care.

Unit: II Fitness for motherhood:

- Biological fitness.
- Economic fitness.
- Psychological fitness.

Unit: III Pregnancy – Signs & Problems:

- Primary symptoms.
- Main symptoms.
- Problems of pregnancy.
- Complication of pregnancy.
- Care of a pregnant mother or Antenatal Care.

Unit: IV Prenatal Development & Neonate:

- Stage of prenatal development.
- Characteristic of neonate.
- Classification of neonate.
- Immediate care of newborn.
- Care of premature infant.
- Feeding and weaning.

Unit : V Care of Baby Health & Immunization:

- Immunity & Immunization.
- Immunization schedule for prevention of major infectious diseases.
- Various vaccinations against infectious diseases.
- Factor considered while immunization.

Practicals:

- Toys making.
- Cartoon making.
- Prepare the national immunization.

References Books:

1. Baby & child – Home Medical Care. Mitchell J. Einzig & Terril H. Hast Unicorn Books – Pustak Mahal Delhi.
2. Health Care & Mental Hygiene of a child. Nira Gupta – ABD Publishers Jaipur.
3. Keeping Kids Safe, Dr. Kenneth Shore.
4. Matrukala avm Balvikas (Hindi), Dr. Nita Agrawal & Dr. Vida Nigam, Agrawal Publications, Agra-2.
5. Matrukala avm Shishukalyan (Hindi), Mrs.Brindashin, Shayam Prakashan, Jaipur.
6. Matrukala avm Shishukalyan (Hindi), Dr. G. P. Shaary, Vinod pustak Mandir, Agra.
7. Bacchoka Palan Poshan (Hindi), Shri Ajarab, Pupiles Publishing House Ltd, New Delhi-55.

Web:

1. www.books.google.com/childpsychology.
2. www.textbookonline.childcare.
3. www.Mamma.com.

FACULTY OF ARTS

Syllabus

SEMESTER 2

HOME SCIENCE

Subject: _____

Course (Paper) Name & No.: CC-7 RESOURCE MANAGEMENT-II

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A	II	Core	5	30	50	20	100

Objectives:

To recognize the importance of wise use of resources in order to achieve goals.

Theory:

Unit: I Family resources:

- Classification of resources.
 1. Human resources.
 2. Non-human resources.
- Characteristic of resources.

Unit: II Time Management:

- Definition of time management.
- Importance of time management.
- Basic step in time management.
- Process of time management.
 - (A) Planning.
 - (B) Controlling.
 - (C) Evaluation.

Unit: III Energy management:

- Importance of energy management.
- Process of time management.
 - (A) Planning.
 - (B) Controlling.
 - (C) Evaluation.

Unit: IV Money Management:

- Definition of income.
- Importance of income.
- Types of income.
 - (A) Money income.
 - (B) Real income.
 - (C) Physical income.

Unit : V Budget of family:

- Importance of budget.
- Basic steps of budget.
 - (A) Planning.
 - (B) Controlling.
 - (C) Evaluation.
- Factor affecting of budget.

Practicals:

- (1) One month budget planning for a family.
- (2) Time and energy saving household equipment.
 - (A) Oven (B) Washing Machine (C) Vacuum cleaner (D) Solar cooker.
- (3) Places for Saving.
 - (A) Bank (B) Post Office (C) LIC.

References Books:

- (1) Ruth E. Deacon, Francille M, Firebaugh (1975), Family resource management principle and application, Roy Houghton Mifflin Company (Unit 1,2,3,4,5,)
- (2) Dr. Smt. B.D. Harpalani – 202 – Home Management.
- (3) Dr. Asha Parikh – 1988 - Home Management.
- (4) Dr. Smt. Kanti Pandey – 1984 - Home Management.
- (5) Dr. D.G. Shairy – 207 Household management and Household art.
- (6) Nira Bhatnagar – 1989 - Home Management.
- (7) Madhuben Thakkar – 1998 – Introduction to Home Management.
- (8) Dr. Kiran Rival – 20 – An art of effective. Resource management.
- (9) Dr. Smt. – Bela Bhargav – 2000 – Gharelu Budget. And engery management.
- (10) Jayshree Ranpara – 2022 – Family financial management.

Web:

- 1 www.nber.org/chapter/
- 2 [en.wikipedia.org/wiki/time management](http://en.wikipedia.org/wiki/time_management)
- 3 [en.wikipedia.org/wiki/energy management](http://en.wikipedia.org/wiki/energy_management)
4. [en.wikipedia.org/wiki/money management](http://en.wikipedia.org/wiki/money_management)

FACULTY OF ARTS

Syllabus

SEMESTER 2

Subject: HOME SCIENCE

Course (Paper) Name & No.: CC -8 FAMILY AND COMMUNITY SCIENCE EDUCATION-II

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	II	Core	3	30	70	-	100

Objectives:-

- (1) To enable the student to acquire the knowledge and skills required for holistic understanding of the field of home science education
- (2) Understand the widening concept of Home Science education

Theory:-

- Unit-I** - Meaning and Definition of Education.
- Importance of Education.
- Unit-II** - Co-relation with other subject of Home Science.
- Unit-III** - Syllabus of Home Science education and
Evaluation methods.
- Unit-IV** - Current problems and Home Science education

References:-

- (1) Home Science Education – Anita Varma – 2007
- (2) Home Science Education – Dipti Desai – 1992
- (3) Various aspect of home science – Sumita jain – 2007
- (4) Home Science Education – Dr. G.P.Shairy – 2007
- (5) Home Science Education – Dr.S.P.Sukhiya – 1984

Web:-

- (1) en.wikipedia.org/wiki/education
- (2) books.google.co.in/books
- (3) www.ehow.com> education

FACULTY OF ARTS

Syllabus

SEMESTER 2

Subject: HOME SCIENCE

Course (Paper) Name & No.: ELE-1 NUTRITION AND FOOD SCIENCE – II

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	II	Elective-1	5	30	50	20	100

Objectives:

- To understand the function and rule of various nutrients, their requirements and the effects of deficiency.
- To develop the skills to prepare protein, vitamin, mineral, rich diet and improve the health of family.
- To enable the student to cure malnutrition under nutrition and over nutrition through rich sources food stuffs.

Theory:

Unit - I

- ✓ Meaning, definition of nutrition.
- ✓ Classification, function, and sources of carbohydrates.

Unit - II Classification, function, sources and deficiency diseases of proteins.

Unit - III Classification, function, and sources of fat.

Unit - IV Functions, sources and deficiency diseases of vitamins.

- 1) Thiamine (Vitamin-B1)
- 2) Riboflavin (Vitamin-B2)
- 3) Niacin (Vitamin-B3)
- 4) Vitamin-C
- 5) Vitamin-A
- 6) Vitamin-D

Unit - V Functions, sources and deficiency diseases of minerals.

- 7) Calcium
- 8) Phosphorus
- 9) Iron

Practical:

- 4) To prepare protein rich dish
- 5) To prepare vitamin rich dish(Anyone)
- 6) To prepare mineral rich dish.

References

- 11) Swaminathan M.S. “Essentials of food and nutrition”-VI-1985
- 12) “Fundamentals of food and nutrition” –Nilam Bhudhhadeve and Bhvna Vaid, Pravin Pustak Bhandar – Rajkot-2004
- 13) Food Science- CFTRI-Mysore
- 14) Williams S.R. “Nutrition and diet therapy” 4th edition 1989]
- 15) Robinson C.H., “Normal and therapeutic nutrition” 17th edition 1986
- 16) Chintpalli Vidhya – “A text book of nutrition- Discovery publishing house – 2010
- 17) B.K. Bakshi – “Ahar avam poshan vigyan” Agraval publishing
- 18) Dr. Snehlata “Nutrition status” Discovery publishing house- 2006
- 19) Sangita Gautam “Nutrition science” Shrishti book distribution – 2007
- 20) Chaney and Ross “Nutrition” Surgeet publication – 2007

Website:

- 1 <http://www.innvista.com/health/nutrition/amino/pclass.htm>
- 2 <http://wiki.answer.com/foodand nutrition.com>
- 3 <http://www.helthyvitamin.choice.com/fatwater-somble.html>

FACULTY OF ARTS

Syllabus

Subject: HOME SCIENCE

Course (Paper) Name & No.: ELE-2 FAMILY AND COMMUNITY SCIENCE EDUCATION-II

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	II	Elective-2	3	30	70	-	100

Objectives:-

- (3) To enable the student to acquire the knowledge and skills required for holistic understanding of the field of home science education
- (4) Understand the widening concept of Home Science education

Theory:-

- Unit-I**
 - Meaning and Definition of Education.
 - Importance of Education.
- Unit-II**
 - Co-relation with other subject of Home Science.
- Unit-III**
 - Syllabus of Home Science education and Evaluation methods.
- Unit-IV**
 - Current problems and Home Science education

References:-

- (6) Home Science Education – Anita Varma – 2007
- (7) Home Science Education – Dipti Desai – 1992
- (8) Various aspect of home science – Sumita jain – 2007
- (9) Home Science Education – Dr. G.P.Shairy – 2007
- (10) Home Science Education – Dr.S.P.Sukhiya – 1984

Web:-

- (4) en.wikipedia.org/wiki/education
- (5) books.google.co.in/books
- (6) www.ehow.com> education

B.A. HOME SCIENCE SEMESTER – 3

SR NO	COURSE	SUBJECT	T + P	CREDITS	I.M	P.M	E.M	T.M	HOURS
1	FC – 5	ENGLISH – III	3 + 0	3	30	0	70	100	3
		OR							
		HINDI – III	3 + 0		30	0	70	100	
2	CC – 9	MEAL MANAGEMENT	3 + 2	5	30	20	50	100	7
3	CC – 10	CLOTHING AND TEXTILE – I	3 + 2	5	30	20	50	100	7
4	CC – 11	HOME SCIENCE EDUCATION AND EXTENSION – I	3 + 2	5	30	20	50	100	7
5	CC – 12	TIME & ENERGY RESOURCE MANAGEMENT	3 + 2	3	30	0	70	100	3
6	CC – 13	HEALTH & NURSING	3 + 0	3	30	0	70	100	3
7	ELE – 1 ANY ONE	CLOTHING AND TEXTILE – I	3 + 2	5	30	20	50	100	7
		OR							
		PSYCHOLOGY	3 + 0	3	30	0	70	100	3
		OR							
		SOCIOLOGY	3 + 0	3	30	0	70	100	3
8	ELE – 2 ANY ONE	HEALTH & NURSING	3 + 0	3	30	0	70	100	3
		OR							
		PSYCHOLOGY			30	0	70	100	
		OR							
		SOCIOLOGY			30	0	70	100	
			TOTAL	30/32	240	60/80	480/500	800	36/40

FACULTY OF ARTS

Syllabus

SEMESTER 3

Subject: HOME SCIENCE

Course (Paper) Name & No.: CC – 9 MEAL MANAGEMENT

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B. A.	III	CORE	5	30	50	20	100

Objectives:

This course will enable the student to -

- (1) Understand the concept of an adequate diet and the importance of Meal Planning.
- (2) Know the factors affecting the nutrient needs during the special condition like pregnancy and Lactation.

Theory:

Unit: I Meal Management

- Meaning.
- Definition.
- Importance.

Unit: II Factors which should be considered before planning meals.

Unit: III Nutrition and Meal planning during special condition.

- Pregnancy.
- Lactation.

Unit: IV Nutrition and Meal Planning for Adolescent Girl

Unit: V Nutrition and Meal planning for school going children (8 to 10 years).

Practical:

1. Meal planning for pregnant women.
2. Meal planning for lactating Mother.
3. Meal planning for Adolescent Girl.

References Books:

- (1) Nutritional Management in health & Disease.
Heena Shah and DaxaSolanki – Rajkot.
- (2) Human nutrition and Diet – AridsonMolke, John and Fassmare.
- (3) Essenials of Food and nutrition – Swaminathan M.S. 1985.
- (4) Poshan evam Ahar Vigyan – Dr. G. P. Sherry

Web:

- (1) <http://wiki-answers.com/q/whatismealmanagement>
- (2) en-wikipedia.org/wiki/mealmanagement
- (3) www.google.com/schoolgoingchildren
- (4) www.google.com/nutritionforadolesentgirl

FACULTY OF ARTS**Syllabus****SEMESTER 3**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 10 CLOTHING AND TEXTILE – I

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B. A.	III	CORE	5	30	50	20	100

Objectives:

- (1) To enable student to acquaint with the different textile and their Performance.
- (2) Impart knowledge on different textile finishes. .

Theory:

Unit: I

- Classification of fibers
- Manufacture and properties of -

(a) Cotton and Linen.

(b) Silk and Wool.

(c) Rayon and Nylon.

Unit: II yarn construction – meaning and types of yarn.

Unit: III Weaves

- Meaning and types of weaves.
- Simple weaves and fancy weaves.

Unit: IV Dyes

- Meaning and types of dyes.

Unit: V Printing.

- Meaning and types of printing.

Practical:

- (1) Identification test of textile fibers
- (2) Types of Simple weaves.
- (3) Simple dyeing and printing.

References Books:

- (1) Textile and laundry works – Anand Sharma, Research Publication New Delhi.
- (2) Textile & clothing – Niraj yadav, sanity Prakashan
- (3) वस्त्र विज्ञान के मूल सिद्धान्त डॉ.जी.पी.शेरी
- (4) वस्त्र विज्ञान एवं धुलाय कलाडो.श्रीमति बेला भार्गव
- (5) वस्त्र विज्ञान के तत्व – Dr. Asha Jain & Dr. Nilima Malaiya, Agra.

Web:

- (1) www.google.com/textile
- (2) www.google.com/yarn
- (3) www.google.com/weaving
- (4) www.google.com/dyesandprinting

FACULTY OF ARTS**Syllabus****SEMESTER 3**Subject: HOME SCIENCECourse (Paper) Name & No.: CC - 11 HOME SCIENCE EDUCATION AND EXTENSION – I

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B. A.	III	CORE	5	30	50	20	100

Objectives:

To enable students to

- Understand the widening concept of extension.
- Be aware of the extension models in practice and their scope in facilitating development.
- Feel strongly for the people without power and influence them to become partners in developing project and programs.

Theory:**Unit: I** **Definition, Meaning, Importance, and method of Home Science Education and Extension****Unit: II** **Quality of Home Science Extension Worker.****Unit: III** **Characteristic of Urban and Rural Society.****(A) Characteristics of Urban Society.**

- (1) Society varieties.
- (2) Fabricated relation among formal groups
- (3) Lack of social tolerance.
- (4) Lack of social control.
- (5) Social mobility
- (6) Voluntary groups.
- (7) Opportunity for specialized personality development.
- (8) Sectorization of areas.

(B) Characteristics of Rural Society.

- (1) Dominance of close relationships
- (2) Effect of main business on life.
- (3) Lack of experience & specification.
- (4) Simplicity and Economy.
- (5) Small group.
- (6) Less difference.
- (7) Lack of social mobility.

Unit: IV Role of various welfare agencies in Urban & Rural prosperity.

(A) Urban Welfare agencies		(B) Rural Welfare agencies
National Agencies.	International Agencies.	
(1) ICMR	(1) WHO	(1) Sahakari Mandali
(2) ICNDS	(2) UNO	(2) Mahila Mandal
(3) CFTRI	(3) UNESCO	(3) Youth club
(4) NIN	(4) UNICEF	(4) Panchayat

Unit: V Hindrances in Rural Prosperity.**Practical:**

- (1) Prepare a dish for low cost and high nutritive value
- (2) Prepare a waste from best sample for rural women
- (3) Prepare a Embroidery work for rural women
 - (A) Simple Embroidery work sample
 - (B) Kashmiri Embroidery work sample

References Books:

- (1) Prof.Dhiraj Dhakan – 1998 – Vistaran Shikhnana Multatvo.
- (2) Dr. Bela Bhargav – 2002 – Parivarik Swastya and Samajik Kalyan.
- (3) Prof.A.G.Shah – 1970 – Samanya Samaj shastra.
- (4) Prof. Mahendra kumar J Rao – 1966 – Bharatni Samajik Sanshtha.
- (5) Prof. Jagdish K Dave – 1974 – Samajik shastrano Parichaya.
- (6) Rogers, Alan – 1989 – Teaching Methods in extension education for development, Westwood Row England – Woodmans.
- (7) Reddy A. 1947 – Extension Education, Bapatia, India, Shree Lakshmi Press.
- (8) WHO – 1988 – Education for health, Geneva, Swtzerland, world health organization.
- (9) Oakley, Pater and Devid, Marsden (1984) – Approaches to participation in Rural development Geneva, International Labour Office.

Web:

- (1) [www.scribd.com/ .../extension- educationmeaning-scope](http://www.scribd.com/.../extension-educationmeaning-scope)
- (2) www.India.gov.in.goverment
- (3) www.hesco-in/rural.php
- (4) en.wikipedia.org/wiki/socialdevelopmenttheory

FACULTY OF ARTS**Syllabus****SEMESTER 3**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 12 TIME & ENERGY RESOURCE MANAGEMENT

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B. A.	III	CORE	3	30	70	-	100

Objectives:

This course will enable the student to -

- (1) Learn about different types of equipment used in the home.
- (2) Learn way of maintaining equipment in good working condition.
- (3) Use equipment in the best possible manner.

Theory:**Unit: I House hold equipment**

- Introduction.
- Importance.
- Classification/types of equipment.
- The factor effecting of using equipment.

Unit: II Different between traditional and modern household equipment.**Unit: III Any five house hold Non electrical equipment**

- Principle.
- Working Method
- Maintenance.

Unit: IV Any five house hold electrical equipment

- Principle.
- Working Method
- Maintenance.

Unit: V Purchasing Art

- Meaning and definition of consumer, producer and cost
- Effecting factor of family purchasing.
- Some points keep in mind for effective purchasing.

References Books:

- (1) “g<hl’ lnglta” Dr. Neha R. Shah
- (2) “Asrkark sa2n VyvS4a”: ઁઃ ઃઃ - Dr. Kiran A. Raval, AtulPrakashan

Web:

- (5) **en.wikipedia.org/wiki/householdequipment**
- (6) **www.google.com/householdequipment**
- (7) **www.vilib.org**
- (8) **www.housestuffworks.com**

FACULTY OF ARTS**Syllabus****SEMESTER 3**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 13 HEALTH & NURSING

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	III	CORE	3	30	70	-	100

Objectives:

- (1) To learn about the importance of health.
- (2) Providing basic information about the first aid.

Theory:**Unit: I** **Health and Nursing.**

- Definition.
- Meaning.
- Importance.

Unit: II Characteristics of ideal nurse.**Unit: III** Meaning of first Aid.
Importance of first Aid.**Unit: IV** The common rules of first Aid**Unit: V** First aid in some accidental condition.

- Snake Bite.
- Sinking.
- Burning.
- Nose bleeds.
- Burning and scalding.

References Books:

- (1) "Sankramak Rogo" – Prem lataTrivedi.
- (2) "Rogo And Aahar" – Darshana Anjaria.
- (3) The A-2 of First Aid. – Ian Andrews Blize Edition.
- (4) Community Health & Family Welfare – Dr. R. L. Sharma.
- (5) Public Health – Danial M Wilner Walkern &Goer keltvouta.
- (6) Community Health Science – Dr. J.I.Park& Dr. K. Park.

WEB:

- (1) www.google.com/definationhealth.
- (2) <http://medicaldictionary.thefreedictionary.comcommunity+health+nursing>.
- (3) <http://www.ask.com/question.about.importanceoffirstaid>.
- (4) <http://www.wf.net/snake/firsbite.htm>.

FACULTY OF ARTS**Syllabus****SEMESTER 3**Subject: HOME SCIENCECourse (Paper) Name & No.: ELE – 1 CLOTHING AND TEXTILE – I

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B. A.	III	Elective-1	5	30	50	20	100

Objectives:

- (1) To enable student to acquaint with the different textile and their Performance.
- (2) Impart knowledge on different textile finishes. .

Theory:**Unit: I**

- Classification of fibers
- Manufacture and properties of -

- (a) Cotton and Linen.
- (b) Silk and Wool.
- (c) Rayon and Nylon.

Unit: II yarn construction – meaning and types of yarn.**Unit: III Weaves**

- Meaning and types of weaves.
- Simple weaves and fancy weaves.

Unit: IV Dyes

- Meaning and types of dyes.

Unit: V Printing.

- Meaning and types of printing.

Practical:

- (1) Identification test of textile fibers
- (2) Types of Simple weaves.
- (3) Simple dyeing and printing.

References Books:

- 1 Textile and laundry works – Anand Sharma, Research Publication New Delhi.
- 2 Textile & clothing – Nirajyadav, sanityPrakashan
- 3 वस्त्र विज्ञान के मूल सिद्धान्त डॉ.जी.पी.शेरी
- 4 वस्त्र विज्ञान एवं धुलायक लाडो.श्रीमति बेला भार्गव
- 5 वस्त्र विज्ञान के तत्व – Dr. Asha Jain & Dr. NilimaMalaiya, Agra.

Web:

- 1 www.google.com/textile
- 2 www.google.com/yarn
- 3 www.google.com/weaving
- 4 www.google.com/dyesandprinting

FACULTY OF ARTS

Syllabus

SEMESTER 3

Subject: HOME SCIENCE

Course (Paper) Name & No.: ELE – 2 HEALTH & NURSING

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	III	Elective-2	3	30	70	-	100

Objectives:

- (1) To learn about the importance of health.
- (2) Providing basic information about the first aid.

Theory:

Unit: I Health and Nursing.
- Definition.
- Meaning.
- Importance.

Unit: II Characteristics of ideal nurse.

Unit: III Meaning of first Aid.
Importance of first Aid.

Unit: IV The common rules of first Aid

Unit: V First aid in some accidental condition.

- Snake Bite.
- Sinking.
- Burning.
- Nose bleeds.
- Burning and scalding.

References Books:

- 1 "Sankramak Rogo" – Prem lataTrivedi.
- 2 "Rogo And Aahar" – Darshana Anjaria.
- 3 The A-2 of First Aid. – Ian Andrews Blize Edition.
- 4 Community Health & Family Welfare – Dr. R. L. Sharma.
- 5 Public Health – Danial M Wilner Walkern &Goer keltvouta.
- 6 Community Health Science – Dr. J.I.Park& Dr. K. Park.

WEB:

- 1 www.google.com/definationhealth.
- 2 <http://medicaldictionary.thefreedictionary.comcommunity+health+nursing>.
- 3 <http://www.ask.com/question.about.importanceoffirstaid>.
- 4 <http://www.wf.net/snake/firsbite.htm>.

B.A. HOME SCIENCE SEMESTER – 4

SR NO	COURSE	SUBJECT	T + P	CREDITS	I.M	P.M	E.M	T.M	HOURS
1	FC – 6	ENGLISH – IV	3 + 0	3	30	0	70	100	3
		OR							
		HINDI – IV	3 + 0		30	0	70	100	
2	CC – 14	FOOD PRESERVATION AND PACKAGING	3 + 2	5	30	20	50	100	7
3	CC – 15	CLOTHING AND TEXTILE – II	3 + 2	5	30	20	50	100	7
4	CC – 16	HOME SCIENCE EDUCATION AND EXTENSION – II	3 + 2	5	30	20	50	100	7
5	CC – 17	DISASTER MANGEMENT	3 + 0	3	30	0	70	100	3
6	CC – 18	FAMILY AND COMMUNITY HEALTH	3 + 0	3	30	0	70	100	3
7	ELE – 1 ANY ONE	CLOTHING AND TEXTILE – II	3 + 2	5	30	20	50	100	7
		OR							
		PSYCHOLOGY	3 + 0		30	0	70	100	3
		OR							
		SOCIOLOGY	3 + 0		30	0	70	100	3
8	ELE – 2 ANY ONE	DISASTER MANGEMENT	3 + 0	3	30	0	70	100	3
		OR							
		PSYCHOLOGY			30	0	70	100	
		OR							
		SOCIOLOGY			30	0	70	100	
			TOTAL	30/32	240	60/80	480/500	800	36/40

FACULTY OF ARTS**Syllabus****SEMESTER 4**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 14 FOOD PRESERVATION AND PACKAGING

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	IV	CORE	5	30	50	20	100

Objectives:

This course should enable the student to -

- (1) Understand the principles and Importance of food preservation
- (2) To gain knowledge on various food packing materials and its importance.

Theory:**Unit: I** Food Preservation

- Meaning.
- Definition.
- Importance of food preservation.

Unit: II Methods of food preservation.**Unit: III** Food Packaging

- Meaning of Food Packaging
- Types of Food Packaging.
- Importance of Food Packaging

Unit: IV Selecting criteria of packaging materials**Unit: V** Meaning of food preservatives.

→ Types of food preservatives and its uses.

Practical :

- (1) Jam
- (2) Jellies
- (3) Pickles
- (4) Tomato Ketchup

References Books:

- (7) Food preservation and Fancy cookery
Prof. Kamalamani R. Rao and Prof. Heena S. Rawal.
- (8) “Food processing and preservation”
G. Subbulaxmi – Shobha A. Udupi.
- (3) ફળ શાકભાજી પરિક્ષણ માર્ગદર્શિકા બગાયત ખાતું ગુજરાત રાજ્ય – ગાંધીનગર

WEB:

- (1) <http://www.dummies.com/how.to/content/foodpreservation-method-canning>
- (2) <http://en.wikipedia.org/wiki/foodpreservation>
- (3) <http://wiki-answers.com/Q/what are the aims and objectives of cooking for food>
- (4) <http://www.cookeryindia.com/students/fp/cooking1.html>

FACULTY OF ARTS

Syllabus

SEMESTER 4

Subject: HOME SCIENCE

Course (Paper) Name & No.: CC – 15 CLOTHING AND TEXTILE – II

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	IV	CORE	5	30	50	20	100

Objectives :

- (1) To acquaint with proper notion regarding choice of fabrics.
- (2) To develop skills in clothing construction.

Theory:

Unit: I Sewing Machine.

- History of Sewing Machine.
- Types of Sewing Machine.
- Different part of Sewing Machine.
- Care of Sewing Machine.

Unit: II Sewing Equipment.

Unit: III Techniques of measurement

- Direct measurement
- Indirect measurement

Unit: IV Sewing Techniques.

- Seams, Darts, Pleats, Tucks.

Unit: V Smoking &Honeycomb works

Practical:

- (1) Simple garment making (any two)
- (2) Basic hand stitches of sewing (any six)
- (3) Sample of seams, darts, pleats, tucks smoking & honeycomb (Any two).

References Books:

- (9) Introduction to clothing – Vina Samani and others Rajkot.
- (10) Dress Designing - Vina Samani and others Rajkot.
- (11) Art of sewing – Anna Jacob, UBS PD, New Delhi.
- (12) “वस्त्र विज्ञान के मूल सिद्धांत” – Dr. G. P. Shery.
- (13) “वस्त्र विज्ञान और धुलाई कला” - Bela Bhargav – Uni Book House – Jaipur.
- (14) “सीवश मार्गदर्शिका” – Nirmala mishtry.

Web:

- (1) en.wikipedia.org/wiki/clothing
- (2) www.google.com/sewingmachine
- (3) www.manojpublications.com

FACULTY OF ARTS

Syllabus

SEMESTER 4

Subject: HOME SCIENCE

Course (Paper) Name & No.: CC – 16 HOME SCIENCE EDUCATION AND EXTENSION – II

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	IV	CORE	5	30	50	20	100

Objectives:

- To impart knowledge about the extension education.
- Understand the widening field and important of extension education.

Theory:

Unit: I Objective of education Extension

- (1) Primary
- (2) General
- (3) Pragmatic

Unit: II Principles of education Extension

Unit: III Extension: Administration & Extension Organisation & Supervision.

- (A) Meaning of Administration
 - Basic Principle of Administration
- (B) Meaning of Extension Organisation
 - Technical Problems in Building of an Organisation
- (C) Supervision in Extension Work

Unit: IV Extension Training.

- (A) Meaning & Definition of Training
- (B) Importance of Training
- (C) Types of Training
- (D) Importance of Research in Extension Training

Unit: V Home Science Extension.

- Role of Home Science in Rural Development.

Practical:

- (1) Prepare one sample of fabric painting for rural teenage girl.
- (2) Prepare a rich dish for rural woman.
- (3) Prepare a children game.

Reference:

- (1) “વિસ્તરણ શિક્ષણના મૂળ તત્વો”
”Dhiraj Dhakan and Kanak. D. Dhakan”
- (2) ગૃહ વિજ્ઞાન વિસ્તરણ અને પ્રત્યાયન, Meeta Rajpara, (Pravin Pushtak Bhandar
- (3) ગૃહ વિજ્ઞાન શિક્ષણ, શંકુતલા વ્યાસ (વંદના પબ્લિકેશન્સ)
- (4) ગૃહ વિજ્ઞાન શિક્ષણ, ડૉ. જી. પી. શૈરી (અગ્રવાલ પબ્લિકેશન્સ)

Web:

- (1) www.cals.ncsv.edu/agexed/aee50/principles
- (2) www.sosyalarastirmalar.com/ci/t1/sayi4/sayi4pdf/khali/-and-vapdf
- (3) www.newagepublishers.com/samplechapter/001591pdf

FACULTY OF ARTS**Syllabus****SEMESTER 4**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 17 DISASTER MANAGEMENT

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	IV	CORE	3	30	70	-	100

Objectives:

- (1) To know the important and classification of Disaster Management.
- (2) Understand the role of NGO in disaster management.

Theory:

- Unit: I** Introduction of Disaster Management
- Meaning & Definition of Disaster Management.
 - Characteristic & Importance of Disaster Management
 - Classification of Disaster.
 - (A) Natural disaster
 - (B) Man made disaster
 - (C) Other disaster

Unit: II Ecological Disaster in India

Unit: III Disaster Management: Forecasting, rumass and mythologies.
Disaster Management and Technologies
Disaster Management related some question

Unit: IV Disaster Management& Voluntary service organization.

- Role of V.S.O. in Disaster Management
- Some suggestion for V.S.O.

Unit: V Disaster Management Plan and Disaster Management Education.

References Books:

- (1) Disaster Management
Dr. R.J. Yadav, Nav Bharat Sathiya Mandir, Ahmedabad.
- (2) Environment risks and harards, Katar Sushan. L, prentice Hall of India Limit. New Delhi.

Web:

- (1) www.google.com\ Disaster Management
- (2) www.infomine.usr.edu
- (3) www.khoj.indiainfex\1&3india
- (4) [en.wikipedia.org/wiki/Disaster Management](http://en.wikipedia.org/wiki/Disaster_Management)

FACULTY OF ARTS**Syllabus****SEMESTER 4**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 18 FAMILY AND COMMUNITY HEALTH

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	IV	CORE	3	30	70	-	100

Objectives:

- (1) Understand the concept of health from the individual and community perspective.
- (2) Understand the role of National and international organization in community health.

Theory:**Unit: I**

- Family – Meaning, Definition and Importance.
- Community Health –Meaning and definition.
- Factor affecting on community health.

Unit: II Care of sick person at home

- Daily care, bed making, care of month bed (sponging) giving medicine protection of patient and nurse

Unit: III National & International organization working for community health.

- Indian Red Cross Society
- Hindu Krushth Nivaran Sangh
- Indian Council for Child Welfare (ICCW)
- Bharat Seva Samaj
- Central Welfare Board.
- WHO (World Health Organization)
- UNICEF
- UNICEF in India

Unit: IV Current dangerous diseases:

- Swine flu, dengue, cancer, AIDS and T.B.

Reference:

- 1 Community Health and Family Welfare
Dr. R. L. Sharma.
- 2 Community Health Science
Dr. J. I. Park & Dr. K. Park.
- 3 Public Health – Daniel M Wilner.

WEB:

- (1) www.google.com=....communityhealth
- (2) <http://www.treatment.org>.

FACULTY OF ARTS**Syllabus****SEMESTER 4**Subject: HOME SCIENCECourse (Paper) Name & No.: ELE – 1 CLOTHING AND TEXTILE – II

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	IV	Elective-1	5	30	50	20	100

Objectives :

- (1) To acquaint with proper notion regarding choice of fabrics.
- (2) To develop skills in clothing construction.

Theory:**Unit: I** Sewing Machine.

- History of Sewing Machine.
- Types of Sewing Machine.
- Different part of Sewing Machine.
- Care of Sewing Machine.

Unit: II Sewing Equipment.**Unit: III** Techniques of measurement

- Direct measurement
- Indirect measurement

Unit: IV Sewing Techniques.

- Seams, Darts, Pleats, Tucks.

Unit: V Smoking & Honeycomb works

Practical:

- (1) Simple garment making (any two)
- (2) Basic hand stitches of sewing (any six)
- (3) Sample of seams, darts, pleats, tucks smoking & honeycomb (Any two).

References Books:

- 1 Introduction to clothing – Vina Samani and others Rajkot.
- 2 Dress Designing - Vina Samani and others Rajkot.
- 3 Art of sewing – Anna Jacob, UBS PD, New Delhi.
- 4 “वस्त्र विज्ञान के मूल सिद्धांत” – Dr. G. P. Shery.
- 5 “वस्त्र विज्ञान और धुलाई कला” - Bela Bhargav – Uni Book House – Jaipur.
- 6 “सीवण मार्गदर्शिका” – Nirmala mishtry.

Web:

- 1 en.wikipedia.org/wiki/clothing
- 2 www.google.com/sewingmachine
- 3 www.manojpublications.com

FACULTY OF ARTS**Syllabus****SEMESTER 4**Subject: HOME SCIENCECourse (Paper) Name & No.: ELE- 2 DISASTER MANGEMENT

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	IV	Elective-2	3	30	70	-	100

Objectives:

- (1) To know the important and classification of Disaster Management.
- (2) Understand the role of NGO in disaster management.

Theory:**Unit: I** Introduction of Disaster Management

- Meaning & Definition of Disaster Management.
- Characteristic & Importance of Disaster Management
- Classification of Disaster.
(D) Natural disaster
(E) Manmade disaster
(F) Other disaster

Unit: II Ecological Disaster in India**Unit: III** Disaster Management: Forecasting, rumass and mythologies.

Disaster Management and Technologies
Disaster Management related some question

Unit: IV Disaster Management & Voluntary service organization.

- Role of V.S.O. in Disaster Management
- Some suggestion for V.S.O.

Unit: V Disaster Management Plan and Disaster Management Education.

References Books:

- 1 Disaster Management
Dr. R.J. Yadav, Nav Bharat Sathiya Mandir, Ahmedabad.
- 2 Environment risks and harards, Katar Sushan. L, prentice Hall of India Limit. New Delhi.

Web:

- 1 www.google.com\ Disaster Management
- 2 www.infomine.usr.edu
- 3 www.khoj.indiainfex\1&3india
- 4 [en.wikipedia.org/wiki/ Disaster Management](http://en.wikipedia.org/wiki/Disaster_Management)

B.A. HOME SCIENCE SEMESTER – 5

SR NO	COURSE	SUBJECT	T + P	CREDITS	I.M	P.M	E.M	T.M	HOURS
1	FC – 7	ENGLISH - V	3 + 0	3	30	0	70	100	3
		OR							
		HINDI – V	3 + 0		30	0	70	100	
2	CC – 19	DIET THERAPY	3 + 2	5	30	20	50	100	7
3	CC – 20	GARMENT SEWING TECHNIQUE	3 + 2	5	30	20	50	100	7
4	CC – 21	APPLIED ART	3 + 2	5	30	20	50	100	7
5	CC – 22	FAMILY HOUSING	3 + 2	5	30	20	50	100	7
6	CC – 23	HEALTHY MARRIED LIFE	3 + 0	3	30	0	70	100	3
7	CC – 24	TRAVEL TOURISM MANAGEMENT	3 + 0	3	30	0	70	100	3
			TOTAL	29	210	80	410	700	37

FACULTY OF ARTS**Syllabus****SEMESTER 5**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 19 DIET THERAPY

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	V	CORE	5	30	50	20	100

Focus:

This course emphasizes the importance of diet in therapeutic management and role of the dietitian.

Objectives:

This course will enable the students to -

- (1) Know the principles of diet therapy.
- (2) Understand the modification of normal diet for therapeutic purpose. .
- (3) Understand the role of dietician.

Theory:

Unit – I Meaning and definition of diet therapy.

- History of diet therapy.
- Importance of diet therapy.

Unit – II Meaning of diet modification.
Objective of diet modification

Unit – III Hospital Diets.

- Liquid diet
- Soft Diet
- Ligat Diet

Unit – IV Diet for peptic ulcer patient.
Diet for diabetic patient.

Unit – V Diet for heart disease patient.

Practical :

- Diet in Diabetes
- Diet in Heart Diseases
- Diet in peptic ulcer.

References :-

- (1) Nutrition in Health and Disease
- Anderson. L. Dibble, M.V. Turkki,
P.R. Mitchell H.S. and Rynbergin.
- (2) Nutrition and dietetics, Joshi S.A.
Tata McGraw Hill publication, New Delhi.
- (3) A Tex Book of Foods, Nutrition and Dietetics
Raheena Begum, Sterling Publishers, New Delhi.
- (4) Nutritional Management in Health & Disease.
Heena Shah and DexaSolanki.

Web:

- (1) www.deittherapy.in
- (2) www.hospital.diet
- (3) www.dietindifferentdisease

FACULTY OF ARTS**Syllabus****SEMESTER 5**

Subject: _____ HOME SCIENCE

Course (Paper) Name & No.: _____ CC – 20 GARMENT SEWING TECHNIQUE

Course (Paper) Unique Code: _____

External Exam Time Duration: _____ 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	V	CORE	5	30	50	20	100

Focus :

This course is designed to give the additional skill in garment sewing technique for the student.

Objectives :

- To understand Garment Sewing.
- To import an in-depth knowledge of style pattern making and Garment Sewing Technique.

Theory :

Unit – I Tailoring Terminology and different attachment for different kinds of work.

Unit – II Common faults during sewing.

Unit – III Different methods of repairing clothes.
 - Renovation
 - Alteration

Unit – IV Pattern making technique.
 - Drafting.
 - Paper pattern.
 - Block pattern.
 - Lay out.

Practical :

- (1) Drafting and paper cutting advanced study of the figure, drafting by system should be taught for essential garments such as
 - Blouse
 - Sari Petticoat
 - Baba Suit
- (2) Use of sewing machine will be allowed where necessary such as (Any Two)
 - Salwar kurta.
 - Night Dress.
 - Baby Frock.

References :-

- (1) Modern pattern drafting and grooming for children clothing – Baroda.
- (2) Basic process and clothing construction, New Raj Depot – New Delhi.
- (3) कटिंग, टेलरिंग ड्रेस डीजाइनिंग बुटिक कोर्स, कृष्ण कुमार अग्रवाल, मनोज पब्लिकेशन, दिल्ली – ६

Web :-

- [google.com/garments sewing technique](http://google.com/garments%20sewing%20technique).
- [google.com/tailoring terminology](http://google.com/tailoring%20terminology).
- [google.com/pattern making technique](http://google.com/pattern%20making%20technique).
- www.manojpublications.com

FACULTY OF ARTS

Syllabus

SEMESTER 5

Subject: HOME SCIENCE

Course (Paper) Name & No.: CC – 21 APPLIED ART

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	V	CORE	5	30	50	20	100

Focus :

This course emphasizes on developing skills in drawing and rendering and creating of art objects.

Objectives:

This course will enable the student to -

- (1) Understand elements and principles of art and design.
- (2) Develop skill in creating design and making art objects.

Theory :

- Unit – I** Applied Art.
- Definition and meaning of Applied Art.
 - Importance of Applied Art.
- Unit – II** - Art and principles of Art.
- Unit – III** Design
- Types of design.
 - Factors consider to making design.
- Unit – IV** Paper Arts.
- Paper Marbling
 - Paper Mache
 - Paper Collage
 - Paper Card & Envelope
 - Paper Origami.

Unit – V

- Wall & Floor designing.
- Wall Designing of Kutch.
- Floor designing by Alpana.
 - Meaning & Important of Alpana.
 - Variation in Alpana.

Practical :

- (1) Types of Design (Any Four)
- (2) Paper art (Any Four)
- (3) Wall and Floor designing (Any Two)

References:-

- (1) Key Terms in Art & Design
By Josh skill, Klbrook
Press Brighton, South Australia
- (2) કલ્પ કૌશલ્ય
by Hamel Bhatt – Azad Printers, Rajkot.

Web:-

- (1) www.google.com
- (2) en.wikipedia.org/design
- (3) en.wikipedia.org/paperart>papermarbling
- (4) www.google.papermache
- (5) www.google.papercollage
- (6) www.google.origami
- (7) www.google.alpana

FACULTY OF ARTS

Syllabus

SEMESTER 5

Subject: _____ HOME SCIENCE _____

Course (Paper) Name & No.: _____ CC – 22 FAMILY HOUSING _____

Course (Paper) Unique Code: _____

External Exam Time Duration: _____ 2 HOURS _____

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	V	CORE	5	30	50	20	100

Focus :

This course intends to develop an understanding of planning residential space such as multipurpose room, various sizes of different room and its furniture arrangement.

Objectives:

- (1) Gain knowledge in principles of planning various types of residential space.
- (2) Develop the skill of drawing house plans, and furniture layouts.
- (3) Understand the application of anthropometrics measurements in space designing for various activities.

Theory:

Unit – I House

- Importance of house
 - Objectives of house
 - Points to be considered during the selection of house.

Unit – II Type of house.

- House on rent and its advantages and disadvantages.
- Self constructed house and its advantages and disadvantages
- Purchase of readymade house and its advantages and disadvantages

Unit – III Factor affecting the cost of house.

Unit – IV Financial aids provided by various institution for building a house.

Unit – V Principles of house plan..

- Methods of measurement.
- Methods of arrangement of various rooms.

Practical :

House plan

- To prepare I shape kitchen plan. 'I'
- To prepare L- shape kitchen plan. 'L'
- To prepare U- shape kitchen plan 'U'

References:-

- (1) આવાસ : આંતરિક અને બાહ્ય આયોજન
ડૉ. વીણા ગંડોત્રા, મનીષા શુક્લ અને અમી દીવેટીયા
- (2) ગૃહ નિર્માણ એવં સ્થાન વ્યવસ્થા
ડૉ. બેલા ભાર્ગવ
- (3) ગૃહ નિર્માણ ઔર ગૃહ ઔર ગૃહ સજ્જા
ડૉ. સ્નેહલ
- (4) આવાસ એવં ગૃહ નિર્માણ વ્યવસ્થા
ડૉ. સુધા ગોયલ

Web:-

- (1) www.ehouseplans.com/geeneral-home
- (2) En-wikipedia.org/wiki/listofhousetypes
- (3) www.houseconstructiontips.com
- (4) www.mortgagenewsdaily.com/7222005

FACULTY OF ARTS**Syllabus****SEMESTER 5**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 23 HEALTHY MARRIED LIFE

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	V	CORE	3	30	70	-	100

Focus :

This course purpose to create awareness & appreciation for the role and functions of marriage as basic institutions. The dynamics of adjustment and contemporary problems and issues are to be critically analysed for developing better understanding of needs adjustment area and intervention strategies

Objectives:

- (1) Acquire knowledge and insights about the dynamics of contemporary marriage
- (2) Become acquainted with the concept goals and areas of adjustment in marital relationship

Theory:**Unit – I** Marriage

- The meaning of marriage
 - Definition of marriage.
 - Function of marriage.
 - Type of marriage.

Unit – II Criteria for choosing a life partner.

Unit – III Fitness for marriage.

- Economic fitness.
- Emotional fitness.
- Sexual fitness.
- Reproductive fitness.
- General Health.

Unit – IV Suggestions for marital success

- Ideal marriage.

References :-

- (1) Judson T. Landis & Murry G. Landis
“Building a successful marriage”
(Prentice Hall, Inc, Englewood Cliffs,
N.J. 9th Edition 1963)
- (2) Alphonse H. Clemens :
“Design for successful marriage”
(Prentice Hall, Inc, Englewood Cliffs, N.J. 1964)
- (3) Stone H.M. & Stone A.S.
“A marriage Manual”
(Simon & Schuster Inc 1970)
- (4) “જાતીયતા અને દાંપત્ય નું મનોવિજ્ઞાન”
લેખકો: પ્રા. સી. બી. દવે, ડૉ. બી.એમ. કોન્ટેક્ટર
- (5) T.H. VandeVelde : “Ideal Marriage”
(Allied Publisher Pvt. Ltd. 2nd Edition
Revised by Dr. MargetSmita 1965.)
- (6) સાથ સાથ – દર્શના અંજારિયા
- (7) લગ્ન કુટુંબ અને સમાયોજન – ધીરજ ધકાન
- (8) લગ્ન કુટુંબ અને બાળ કલ્યાણ – એ. એસ. વાઘેલા અને એન. વી. માંડલિયા
- (9) કોનો કરજો સપ્તપદી નો સંગ્રાથ – વનરાજ માલવી

Web:

- (1) Wikipedia.org/wiki/marriage
- (2) en-wikipedia.org/...../ideal marriage
- (3) www.ispub.com/.../material age
- (4) www.merriam_webstor.com/dictionary/marriage

FACULTY OF ARTS

Syllabus

SEMESTER 5

Subject: _____ HOME SCIENCE _____

Course (Paper) Name & No.: _____ CC – 24 TRAVEL TOURISM MANAGEMENT _____

Course (Paper) Unique Code: _____

External Exam Time Duration: _____ 2:30 HOURS _____

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	V	CORE	3	30	70	-	100

Focus :

The focus is on providing exposure to travelling and tourism industry and give training for handling various jobs involved in this field.

Objectives :

To enable students to -

- Develop an awareness about tourism and its scope in India.
- Understand about various aspects of tourism and to develop various skills required for this trade.

Theory :

Unit – I

Meaning of Travel Tourism

- Definition of Travel Tourism.
- Importance of Travel Tourism.
- Job Opportunities for Women.

Unit – II

Travel Agency:-

- Introduction about travel agency.
- Types of Travel Agency.
- How to open a travel Agency.
- Function of Travel Agent.

Unit – III

Different types of Transportation

- Road Transportation
- Rail Transportation
- Sea Transportation
- Air Transportation

Unit – IV Introduction of Gujarat Tourism
- Tourist places of Gujarat.

References:-

- (1) Tourism Development and Management
 * Mario D'souza
 Mangal Deep Publication. .
- (2) Tourism and Hotel Management
 * Pushpinder S. Gill
 Anmol Publication Pvt. Ltd.
- (3) ટ્રાવેલ ટુરીઝમ અને કમ્પ્યુટર અવેરનેસ
 - પ્રા. મનીષા એમ. ખખ્ખર
 - પ્રા. ભાવના ડી. રાચ્છ
 પ્રવીણ પુસ્તક ભંડાર-રાજકોટ

Web :-

- www.wikipedia.transportation.in
- www.wikipedia.tourismmanagment
- www.wikipedia.travelproducts
- www.wikipedia.tourisminindia.in

B.A. HOME SCIENCE SEMESTER 6

SR NO	COURSE	SUBJECT	T + P	CREDITS	I.M	P.M	E.M	T.M	HOURS
1	FC – 8	ENGLISH – VI	3 + 0	3	30	0	70	100	3
		OR							
		HINDI – VI	3 + 0		30	0	70	100	
2	CC – 25	CHILD NUTRITION	3 + 2	5	30	20	50	100	7
3	CC – 26	FASHION DESIGNING & EMBROIDERY	3 + 2	5	30	20	50	100	7
4	CC – 27	COMMERCIAL ART	3 + 2	5	30	20	50	100	7
5	CC – 28	INTERIOR DESIGN	3 + 2	5	30	20	50	100	7
6	CC – 29	HEALTHY FAMILY AND FAMILY PLANNING	3 + 0	3	30	0	70	100	3
7	CC – 30	HOTEL MANAGEMENT	3 + 0	3	30	0	70	100	3
			TOTAL	29	210	80	410	700	37

FACULTY OF ARTS

Syllabus

SEMESTER 6

Subject: HOME SCIENCE

Course (Paper) Name & No.: CC – 25 CHILD NUTRITION

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	VI	CORE	5	30	50	20	100

Objectives:

To make good nutrition way of life.

- (1) To teach children about healthy eating and nutrition resources.
- (2) To prevent deficiency related disease and obesity in child.

Theory:

Unit: I Meaning of nutrition.
Importance of child nutrition.

Unit: II Meaning and of history of mal nutrition causes of meal nutrition in children.
→ Causes of mal nutrition in children.

Unit: III Disease due to malnutrition in children.
Preventive measures for malnutrition.

Unit: IV Nutrition for preschool children (1 to 4 years)
Nutrition for school going children (5 to 12 years)

Unit: V Healthy diet tips for children getting food in balwadi, anganvadi, midday meal, day school, school hostel, primary school. School lunch programme etc.

Practical:

- 1 Protein – calorie rich dish
- 5 Iron rich dish
- 6 All vitamins and all mineral rich dish

References:

- (1) Journal of child nutrition and management – 2008 to 2015
- (2) Maternal and child nutrition
 - Edited by – Victoria Hall Maran and Rafael Perez – vol 11-12 2015,2016
- (3) Child Nutrition – US national library of medicine – medline plus – 2014 – be the sda..
- (4) “Good enough to eat” lizzy Rockwell – 2015
- (5) Breakfast Lola.m.Schaefer, Ted Schaefer - 2015

Web:

- 1 [http://school nutrition.org/jcnm/](http://schoolnutrition.org/jcnm/)
- 2 www.nutrition.gov/life-stages/children.
- 3 www.starthealthystayhealthy.in/
- 4 www.nestlenutrition_institute.org/

FACULTY OF ARTS**Syllabus****SEMESTER 6**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 26 FASHION DESIGNING & EMBROIDERY

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	VI	CORE	5	30	50	20	100

Focus:

This course is designed to give the skill in fashion designing and embroidery.

Objectives:

- To understand about fashion and fashion designing.
- To import an in-depth knowledge of embroidery and fancy work.
- To increase the knowledge about the boutique.

Theory:**Unit – I****The Boutique**

- Meaning of boutique.
- Selection of space/place for Boutique.
- Planning for boutique.

Unit – II**Fashion Designing.**

- Meaning and definition.
- Fashion cycle and fashion innovation.
- Importance of fashion
- Factors affecting fashion.

Unit – III**Embroidery work.**

- Meaning and importance
- Technique of Designing.
- Colour combination in embroidery work.
- Useful tools for embroidery work
- Care of embroidery work.

- Unit – IV** Fancy work .
- Crosia work
 - Tating work
 - Mekram work.

Practical :

- (1) Samples of Hand embroidery (Any three)
 - Bullion stitch
 - Double Lazy Daisy stitch.
 - Long and short stitch.
 - Chain filling stitch.
 - Buttonhole stitch

- (2) Samples of Fancy work. (Any two)
 - Crosio work (Single/double)
 - Tating work
 - Mekram

References :-

- (1) Traditional embroidery of India
 - Shailuja Naik, A.P.N. Publication, New Delhi.

- (2) Indian Embroidery
 - Chattopadhyay Kamala devi, New Delhi.

- (3) Dress Designing.
 - Vina Samani and other, Pravin Pustak Bhandar, Rajkot.

- (4) Cutting, tailoring, Dress designing Boutique course
 - Krishna kumar Agrawal, Manoj Publication, Delhi - 6.

- (5) Embroidery and knitting
 - Rasiklal Bhokaj, Ahmedabad.

Web:

- (1) www.google.com/fashiondesigning
- (2) www.google.com/embroidery
- (3) www.google.com/maquarm
- (4) www.google.com/tatingwork
- (5) www.google.com/crosiowork
- (6) www.manojpublications.com

FACULTY OF ARTS**Syllabus****SEMESTER 6**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 27 COMMERCIAL ART

Course (Paper) Unique Code: _____

External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	VI	CORE	5	30	50	20	100

Focus :

This course focuses on basic principles of art elements of design and appreciation of regional traditional and contemporary art in all aspects of living.

Objectives:

- (1) By the creative vision to produce creative sample at low cost.
- (2) Through the use of waste material and using the idea in extra time.

Theory:

Unit – I Commercial Art.
- Meaning and Importance. .

Unit – II Bandhani and Batik
- Development.
- Process.
- Importance.

Unit – III (A) Soft toys
(B) Candle making.
(C) Frame Work.
(D) Sea – shell work.

Unit – IV Ornament & Bead work
- Artificial bead
- Wool and thread.
- Paper
- Ceramic and mud.

Unit – V Job opportunity in commercial Art.

- Practical** : (1) Ornament/Bead work
(2) Bandhani/Batic
(3) Candle making and any one decorative frame.

References :-

- (1) Key Tems in Art & Design
By Josh skill, Klbroom
Press Brighton, South Australia
- (2) કલ્પ કૌશલ્ય
by Hamal Bhatt – Azad Printers, Rajkot.

Web:

- (1) En.wikipedia.org/wiki/commercialArt
(2) En.wikipedia.org/wiki/oranameats
(3) www.google.com

FACULTY OF ARTS**Syllabus****SEMESTER 6**

Subject: HOME SCIENCE
 Course (Paper) Name & No.: CC – 28 INTERIOR DESIGN
 Course (Paper) Unique Code: _____
 External Exam Time Duration: 2 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	VI	CORE	5	30	50	20	100

Focus:

This course deals with the study of interior designing and the factors influencing furnishing, history of furniture, space organization for the residential interiors

Objectives:

- (1) Gain better understanding of the principles of interior designing.
 - (1) Provide adequate facility for work, rest, relaxation, comfort privacy, maintenance and aesthetics etc.... through interiors.
 - (2) Develop the skill of creating designs for furnishing items. .

Theory:**Unit – I** Furniture

- (1) Importance and principles of furniture arrangement
- (2) Importance and principles of home furnishing

Unit – II Points to be considered during the purchase and arrangement of furniture**Unit – III** Information regarding furniture and other arrangement in different rooms.

- (1) Bed Room
- (2) Children room.
- (3) Drawing room.
- (4) Dining room
- (5) Kitchen

Unit – IV

- (1) Type of furniture
- (2) Maintenance of furniture.

Unit – V Accessories of interior designing.

Practical :

- (1) To prepare a plan of bed room on graph paper and explain it. .
- (2) To prepare a plan of children room on graph paper and explain it.
- (3) To prepare a plan of drawing room on graph paper and explain it. (Indian and Western)
- (4) To prepare a plan of dining room on graph paper and explain it.

References :-

- (1) કલા કે સિધ્ધાંત એવં આંતરિક સજ્જા
ડૉ. બેલા ભાર્ગવ
- (2) Interior Design :
S.N.Chaudhari
- (3) ગૃહ નિર્માણ એવં સ્થાન વ્યવસ્થા:
ડૉ. બેલા ભાર્ગવ
- (4) ગૃહ નિર્માણ ઔર ગૃહ સજ્જા
ડૉ. સ્નેહલતા

WEB:

- (1) furniture.about.com/home/furniture/decorating
- (2) onlinelibrary.wiki.com/.../computergraphicsforum/vol.28
- (3) en.wikipedia.org/wiki/listoffurniture
- (4) www.fromeysdesingcenter.com/pdf/furniture.carepdf

FACULTY OF ARTS**Syllabus****SEMESTER 6**Subject: HOME SCIENCECourse (Paper) Name & No.: CC – 29 HEALTHY FAMILY AND FAMILY PLANNING

Course (Paper) Unique Code: _____

External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	VI	CORE	3	30	70	-	100

Focus:

This course purports to create awareness and appreciation for the role and functions of marriage and family as basic institutions. The dynamics of adjustment and contemporary problems and issues are to be critically analysed for developing better understanding of needs adjustment areas and intervention strategies.

Objectives:

- (1) Acquire knowledge and insights about the dynamics of contemporary family.
- (2) Become acquainted with the concept goals and areas of adjustment in marital relationship and within the family
- (3) Become aware of the interceptive and preventive family welfare measures.

Theory:**Unit – I** The family

- Definition.
- Functions
- Types

Unit – II

- Characteristics of family
- Family life cycle.

Unit – III A marriage life as a process of adjustment.

- In law relationship
- Emotional adjustment
- Sex adjustment

Unit – IV Family Planning.

- The meaning of family planning.
- Importance of family planning.
- Method of Family planning.
 - (1) Cervical
 - (2) Diaphragm
 - (3) Intrauterine Device
 - (4) Condoms

- (5) Contraceptive pills
- (6) Spermicides
- (7) Withdrawal

References :-

- (1) Kapadia K. M.
“Marriage Family in India”.
- (2) Pramillakapur
“Love, marriage, sex and Indian woman”
(Orient paper backs, 1976)
- (3) Desai I.P.
“Some aspects of family in India”
- (4) જાતીયતા અને દાંપત્યનું મનોવિજ્ઞાન
લેખકો: (1) પ્રા. સી .બી.દવે
(2) ડૉ. બી. એમ. કોન્ટેકટર
(3) પ્રા. યોગેનચેય. ભટ્ટ
- (5) લગ્ન, કુટુંબ અને સમાયોજન – ધીરજ ધકાન
- (6) Havelock Ellis
“Psychology of Sex”
(A Manual for student – 1957)
- (7) લગ્ન કુટુંબ અને બાળ કલ્યાણ
(1) એ. એસ. વાઘેલા
(2) એન. વી. માંડલીયા
- (8) કોનો કરજો સપ્તપદીનો સંગાથ – વનરાજ માલવી

Web:

- (1) en.wikipedia.org/wiki/family
- (2) www.amazon.com/sexual/adjustment
- (3) en.wikipedia-org/wiki/familyplanning
- (4) marriage.about.com...>pointsofconflicts>inlaw

FACULTY OF ARTS**Syllabus****SEMESTER 6**

Subject: HOME SCIENCE
Course (Paper) Name & No.: CC – 30 HOTEL MANAGEMENT
Course (Paper) Unique Code: _____
External Exam Time Duration: 2:30 HOURS

Name of Program	Semester	Course Group Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project	Credit	Internal Marks	External Marks	Practical/ Viva marks	Total Marks
B.A.	VI	CORE	3	30	70	-	100

Focus:

The focus is to help students develop skill in dealing with people and acquainting them with procedures of Front Office Management for effective functioning.

Objectives:

- (1) Understand the Organizational procedures of the Front Office.
- (2) To acquire skills in personnel management.
- (3) To become aware of the different areas and function of Housekeeping department. .
- (4) To develop and acquire skills in Housekeeping activities.

Theory:

Unit – I History of hotel industry.
Type of Hotels.

Unit – II Meaning of front office.
Planning equipment and furniture for the Front office.
.

Unit – III Duties of Front office staff.

Unit – IV Meaning of House/Housekeeping Department
- Different section of Housekeeping Department.
- Staff duties and Co-ordination with other Department.

References :-

- (1) Travel Tourism and computer awareness
- Manisha N Khakhar. Pravin Publishing Rajkot.
- (2) Hotel front office Training Manual.
- Suchir Andrews. Tata McGraw Hill Publishing Co. Ltd. New Delhi
- (3) Tourism and Hotel Management
- PushpinderS.GillAnmol Publication Pvt. Ltd.
- (4) The Art of serving
- Anita S. Kumar. Yash Publication, Pune.

Web :-

- (8) www.hotelindustry.com
- (9) www.housekeeping.in
- (10) www.hotelequipments.in