

### THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), Sivakasi

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC, College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

1.1. CURRICULUM DESIGN AND DEVELOPMENT

1.2. ACADEMIC FLEXIBILITY

- 1.1.2. REVISION OF SYLLABUS
- 1.1.3. COURSES FOCUS ON EMPLOYABILITY/ENTREPRENEURSHIP/SKILL DEVELOPMENT
- 1.2.1. NEW COURSES

MINUTES OF THE BOARD OF STUDIES 2019-2020



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2019-20120

## THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS)

(Affiliated to Madurai Kamaraj University, Reaccredited (3rd Cycle) with 'A' Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

SIVAKASI

+\*+\*+\*+\*+\*+\*+\*+

#### 2019 - 2020

#### DEPARTMENT OF NUTRITION AND DIETETICS

MINUTES OF ONLINE BOARD OF STUDIESMEETING - APRIL 2020

Date : 29.04.2020

Time : 11.00 A.M

Video Conferencing App

: GOOGLE MEET

#### **AGENDA**

- ★ To discuss and approve the syllabi of UG and COP for the year 2020-2021.
- \* To suggest Panel of Examiners for different courses.
- \* Any other matter.

#### MEMBERS OF THE BOARD:

Chairperson (H.O.D.)	Mrs. K. Jansi Rani
University Nomince	Dr. Ramesh Raj, Assistant Professor, Department of Catering Management, Madurai Kamaraj University College, Alagarkoil Road, Madurai.
External Subject Experts	Dr. C. Priyalatha Assistant Professor, Research Centre of Home Science, Fatima College Madurai. Dr. PA. Raajeshwari Assistant Professor, Department of Food Science and Nutrition, Avinasilingam Institute of Home Science and Higher Education for Women, CBE Mrs.S.Sivapakkiyam, Consultant, Food & Nutrition, Shiva, s Diet
Expert from Industry/	Mrs.S.Sivapakkiyam, Consultant, Food & Francisco
Corporate Sector / allied area	Point.

SFRC - OBE with CBCS - BoS Minutes - B.Sc., Nutrition and Dietetics Programme 2020 & later



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

#### **DEPARTMENT OF NUTRITION & DIETETICS** MINIUTES OF THE BOARD OF STUDIES 2019-20120

relative to placement	
Alumna	Ms. S. Hema Priya, Propertior, Hello World, Sivakasi.
Student Representative	Ms. R. Vijayalakshmi, III B.Sc, N&D
Faculty Members	Mrs. J .Merlin Rani Ms. R. Dharani Ms. R. Iswaryao Ms. V. Nethra

#### Minutes of the Meeting

- I. The following resolutions were made in the meeting after discussing with the members:
  - 1. The Operational Guidelines of Outcome Based Education with Choice based Credit System for Under Graduate and COP for those students admitted in 2020 & later were discussed and approved.
  - 2. The Scheme of Programme and Examinations & Syllabi of B.Sc., Nutrition and Dietetics for those students admitted in 2020 & later were discussed and approved after incorporating the suggestions made by the members.
    - ★ Curriculum for B.Sc Nutrition & Dietetics, Certificate programme in Bakery Products, Food Preparation and Yoga & Wellness were approved by the board with minor modifications.
    - ★ Nomenclatures for the lab courses were modified.
    - ★ It was suggested that the practical examinations for allied courses could be conducted semester wise.
    - ★ BDND11-Food Science Self study area need to be modified as it was a vast
    - ★ BDND12- Human Nutrition Slight rearrangement was done.
    - ★ BDND2L Food Chemistry Unitization was done.
    - ★ BDND1A Human Development Early childhood education was added.
    - ★ BDND32 Food Product Development and Quality Control Innovative Food Products was added in the Self study area.
    - ★ BDND4A FRM Stress Management was added in the Self study area.
    - ★ BDND6E2 FBT Unitization and self study area was modified.



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2019-20120

#### II. OTHER PROCEEDINGS:

- The list of Panel of Examiners for different courses were prepared and submitted to the Controller of Examinations through Academic Affairs Cell.
- 2. Feedback on Curriculum from external members were obtained and submitted to IQAC.

#### 3. New Courses Introduced

The following are the courses introduced for the B.Sc., Nutrition and Dietetics Programme from the academic year 2020 and later.

S. No	Semester	Course Code	C. mi
1.	IV	BDND4DS	Course Title  Analytical techniques of Nutrients
2.	I	CCFP11	Indian Cuisine
3.	I	CCFP1L	Practical (Indian Cuisine)

### 4. Courses focusing on employability, entrepreneurship and skill development

S. No	Semeste	Course Code	Course Title	Focus on employability, entrepreneurship and skill development
Ι.	I	BDND11	Food Science	Employability
2.	I	BDND12	Human Nutrition	Employability
3.	I	BDNDIA	Human Development	Employability
4.	II	BDND21	Food Chemistry	Employability, Skill development
,5.	II	BDND2A	Human Physiology	Employability
6.	III	BDND31	Nutrition through Life cycle	Employability, Entrepreneur
7.	III	BDND32	Food Product development and quality control	Employability, Entrepreneur, Skill development
8.	III	BDND3A	Food Preservation Technology	Employability, Entrepreneur, Skill development
9.	IV	BDND41	Therapeutic Diet	Employability Employability, Entrepreneur,
10.	IV	BDND4A	Family Resource	Employability, Entrepreneur,

FRC - OBE with CBCS - BoS Minutes - B.Sc., Nutrition and Dietetics Programme 2020 & later



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2019-20120

			Management	Skill development
11.	IV	BDND4N	Introduction to Food Nutrition	Employability
12.	IV	BDND4D SL	Analytical Techniques of Nutrients	Employability, Skill development
13.	V	BDND51	Therapeutic diet and counseling	Employability, Entrepreneur
14.	v	BDND5V	Internship / On-The- Job Training	Employability, Entrepreneur Skill development
15.	v	BDND5E 1	Community Nutrition	Employability
16.	v	BDND5E 4	Functional Food and Nutraceuticals	Employability,Skill development
17.	V	BDND5N	Health and Fitness	Employability
18.	VI	BDND61	Food Microbiology	Employability, Skill development
19.	VI	BDND62	Food Service Management	Employability, Skill development
20.	VI	BDND6E 2	Food Biotechnology	Employability, Skill development
21.	VI	BDND6P	Project	Employability, Entrepreneu Skill development
22.	VI	BDSE70	Food Processing and Preparation	Employability, Skill development

5. Courses focusing on local/regional/national/global needs

_				Local/Region
S. No	Semester	Course Code	Course Title	al/National/ Global needs
liger			Food Science	Global Needs
1.	I	BDND11	Human Nutrition	Global Needs
2.	I	BDND12	Human Development	Global Needs
3.	I	BDND1A	Food Chemistry	Global Needs
4.	II	BDND21	1002 2300	

SFRC - OBE with CBCS - BoS Minutes - B.Sc., Nutrition and Dietetics Programme 2020 & later

4



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2019-20120

5.	11	BDND2A	Human Physiology	
	III	DDVIDA		Global Needs
6.	111	BDND31	Nutrition through Life cycle	Global Needs
7.	Ш	BDND32	Food Product development and quality control	National Needs
8.	Ш	BDND3A	Food Preservation Technology	National Needs
9.	IV	BDND41	Therapeutic Diet	Global Needs
10.	IV	BDND4A	Family Resource Management	National Need
101	IV	BDND4N	Introduction to Food Nutrition	Local Needs
12.	IV	BDND4DSL	Analytical Techniques of Nutrients	Global Needs
13.	v	BDND51	Therapeutic diet and counseling	Global Needs
14.	v	BDND5V	Internship / On-The-Job Training	Global Needs
15.	v	BDND5E1	Community Nutrition	Global Needs
16.	v	BDND5E4	Functional Food and Nutraceuticals	Global Needs
17.	v	BDND5N	Health and Fitness	Local Needs
18.	VI	BDND61	Food Microbiology	Global Needs
. 19.	VI	BDND62	Food Service Management	National Need
20.	VI	BDND6E2	Food Biotechnology	Global Needs
21.	VI	BDND6P	Project	Global Needs
22.	VI	BDSE70	Food Processing and Preparation	Global Needs

#### 6. COURSE WISE ADDITION / DELETION OF TOPICS

				Topics	
S. No	Course	Course Title	Topics Added	Removed	
	Code		Pre-school and types	-	
1.	BDND1A	Human Development	Management and	-	
2.	BDND4A	Family Resource	Colours (Self study area)		

OBE with CBCS - BoS Minutes - B.Sc., Nutrition and Dietetics Programme 2020 & later

5



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2019-20120

T	3.	BDND1A	Human Development	Early childhood	
1	4.	BDSE70L	Food processing and Preparation Practical	Masala Powder and	
-	5.	CCBP1L	Practical (Basic concepts of Bakery Products)	Home made Chocolate  Bread Making	-
_					

#### 7. COURSES OFFERED TO OTHER MAJOR STUDENTS

- BDND4N Introduction to Food and Nutrition, BDND5N Health and Fitness are the courses offered to students of other disciplines as Non-Major Elective course.
- BDSE70 Food Processing and Preparation, BDSE70L Food Processing and Preparation practical are the courses offered to students of other disciplines as Self Employment/Job oriented courses.

#### 8. ANY OTHER

- i. THE BOARD APPRECIATED THAT THE SYLLABUS WAS CONTENT.
- ii. THE BOARD ALSO MENTIONED THAT THE SYLLABUS WAS WELL STRUCTURED.

SIGNATURE OF THE CHAIRPERSON OF THE BOARD

. 6



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2019-20120

S.No.			
	Name	Position	Digital Signature
1.	Mrs. K. Jansi Rani	Chairperson	John
2.	Dr. Ramesh Raj, Assistant Professor, Department of Catering Management, Madurai Kamaraj University College, Alagarkoil Road, Madurai.	University Nominee	Baroto
3.	Dr. C. Priyalatha Assistant Professor, Research Centre of Home Science, Fatima College Madurai	External Subject Expert	c Buyalattedem
4.	Dr. PA. Raajeshwari Assistant Professor, Department of Food Science and Nutrition, Avinasilingam Institute of Home Science and Higher Education for Women, CBE	External Subject Expert	( order
5.	Mrs. S. Sivapakkiyam, Consultant, Food & Nutrition, Shiva's Diet Point.	Industrialist	p post
6.	Ms. S. Hema Priya, Propertior, Hello World, Sivakasi.	Alumnae	&. <u>Han</u>
7.	Ms. R. Vijayalakshmi, III B.Sc, N&D	Student Representative	L. Londiakorm
7. 8.	the control of the co		J. Marler I

SFRC - OBE with CBCS - BoS Minutes - B.Sc., Nutrition and Dietetics Programme 2020 & later

7



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

		r Jr	17 10
9.	Ms. R. Dharani	Member	QQ.
10.	Ms. R. Iswaryao	Member	Alama and
SIGNATUR	E OF THE CHAIRPERSON O	F THE BOARD	PRINCIPAL PRINCIPAL The Standard Fireworks Rajatat College for Women <sub>e</sub> SIVAKASI.



### THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), Sivakasi

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC, College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

1.1. CURRICULUM DESIGN AND DEVELOPMENT

1.2. ACADEMIC FLEXIBILITY

- 1.1.2. REVISION OF SYLLABUS
- 1.1.3. COURSES FOCUS ON EMPLOYABILITY/ENTREPRENEURSHIP/SKILL DEVELOPMENT
- 1.2.1. NEW COURSES

MINUTES OF THE BOARD OF STUDIES 2018-2019



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

Affiliated to Madurai Kamara	KS RAJARATNAM COLLEGE FOR WOMEN ( ij University, Reaccredited with 'A' Grade by NAA Potential for Excellence by UGC SIVAKASI	AUTONOMOUS) AC & College with
	2019 - 2020 Department of Nutrition & Dietetics Date 11 Board of studies	.04.2019
Chairman (H.O.D.)	1.K.Jansi Rani	Data C
	1. R. Dharani	TOT:
Faculty Members	2. S. V. Sarvani	(R.O.2)
	1. Dr. S. Kavitha Maheswari Assistant Professor &Head, Department of Nutrition, FSMD	AN Quiller
n Outside	Government Arts college for women Nilakottai – 624802 Mobile No: 9003857752	11/4/2019
Experts from Outside	Email ID: kavithasenthil05@gmail.com  2. Dr. S. Parameshwari, Associate Professor, Department of Clinical Nutrition and Dietetics Periyar university, Salem. Mobile No: 9965954456 Email ID – sparameshwari2009@gmail.com	of (14) 4/19
One Expert nominated by VC	1. Mr.S.Rameshraj, Associate Professor & Head, Department of Hotel Management & Catering Science, Madurai Kamaraj University College, Madurai – 625 002. Mobile No: 9361104400 Email ID – rameshrajs75@gmail.com	Davesta !
One representative from Industry/ Corporate Sector / allied area relative to placement	1. J.P. Jeyanthiall, Chief Dietitian, Department of Clinical Nutrition and Dietetics, Meenakshi Mission Hospital and Research Centre, Madurai- 625 107. Mobile No: 98941 60569	Absent.
One meritorious Alumna	K. Ram Scetha Dietitian, Ochre Fitness Centre, Siyakasi.	X. Section
Student Representative	C. Rathina, III B. Sc, Nutrition & Dietetics.	C Kalling alin
	Signature of the chairma	n of the board



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2018-2019

## THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN SIVAKASI – 626 123.

(An Autonomous Institution affiliated to Madurai Kamaraj University, Re- accredited with

### Department of Nutrition and Dietetics

Board of Studies Meeting 2019-2020

1	Course Code	Course Title	Addition	Deletion	Justification
	GLND51	Therapeutic Diet	Diet for the Autism and physically disabled is included in the self study area.	No change	Need Based
	GLND5L	Lab III	No change	No change	No change
The second of the second	GLND61	Therapeutic Diet and counseling	Unitization is done IBD, MAS, Steatorrhea are included in Unit - III.		Need Based
	GLND62	Food Service Management	Care and maintenance of equipments and factors affecting menu planning is included in Unit II and III respectively.	No change	Need Based
	GLND6L	Lab IV	No change	No change	No change
	00.1001	Project	No change	No change	No change
	GLND5E1	Community Nutrition	No change	No change	No change
3.	GLND5E2	Food Packaging	No change	No change	No change
	GLNDSE3	Extension Education	Teaching Aids is included in Unit III.	No change	Need Based



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

0.	GLND5E4	Functional foods and Neutraceuticals	Included Anti – nutritional factors in Unit-III	No change	Need Based
1.	GLND6E1	Textiles and Clothing	Laundering is included in Unit	No change	Need Based
12.	GLND6E2	Food Biotechnology	No change	No change	No change
13.	GLSE70	Food processing and preparation	No change	No change	No change
14.	GLND70L	Food Processing and Preparation practical	No change	No change	No change



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2018-2019

#### Minutes

The Board discussed and approved the modified course scheme of B.Sc., Nutrition and Dietetics for the students who will join in June 2017 and later.

Syllabus is very good and elaborative and well standardized units are included which helps the students to gain in-depth knowledge and to pursue higher studies.

Suggested modifications were made in all theory and practical courses

The board approved the job oriented Self employment course in Food Processing and Preparation offered by the Department.

S.No	Name	Signature
1.	Dr.(Mrs) S.Parameshwari	al rum
2.	Dr.(Mrs)S.Kavitha Maheswari	& June 12 ms
3.	Mr.S.Rameshraj	Tunorsom
4.	K.Jansi Rani	ychn.
5.	R.Dharani	Q. 038
6.	S.V.Sarvani	S.v. Barlan
7.	K.Ram Seetha	x Scathel
8.	C.Rathina	C. Rather A I'm

Chairman of the Board

PRINCIPAL
Dr. T. Palaneeswari
PRINCIPAL
The Standard Fireworks
Rajaratnam College
for Women,
SIVAKASL

T. Palemerona



### THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), Sivakasi

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC, College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

1.1. CURRICULUM DESIGN AND DEVELOPMENT

1.2. ACADEMIC FLEXIBILITY

- 1.1.2. REVISION OF SYLLABUS
- 1.1.3. COURSES FOCUS ON EMPLOYABILITY/ENTREPRENEURSHIP/SKILL DEVELOPMENT
- 1.2.1. NEW COURSES

MINUTES OF THE BOARD OF STUDIES 2017-2018



#### THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),

#### SIVAKASI – 626 123.

(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

#### **DEPARTMENT OF NUTRITION & DIETETICS** MINIUTES OF THE BOARD OF STUDIES 2017-2018

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN SIVAKASI.

(An Autonomous Institution affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC)

Department of Nutrition and Dietetics

Date 12/3/2018

#### Minutes of Board meeting - (2018 - 2019)

1. Chairman (Co-ordinator)

Dr. (Mrs).M. Santhi

Department of botany with specialization in plant biotechnology,

Sull

SFR College for Women, Sivakasi

2. Experts from Outside

1. Mrs.R.Mahalakshmi, M.sc, M.phil, Ph.D Head of the Department, Dept of Nutrition and Dietetics with CA, Sri.S.R.N.M.College, Sattur.

Absent.

Department of Clinical Nutrition and dietetics,
Periyar University, Salem.

presentative from Texts. Dr.(Mrs)S.Parameswari,

3. One representative from Industry Mrs.J.P Jayanthiall,

Chief Dietitian,

Meenakshi Mission Hospital, Madurai

4. One Post Graduate Meritorious Alumnae:

S.Ananthi

Dietitian,

S.S.R.Hospital,

Sivakasi

5. Present Student (Only one)

J.K.Sharmila Devi

III B.Sc Nutrition and Dietetics,

SFR College, Sivakasi.

J. P. W. 12/31 18

J.K. Lawn Down.



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

#### **DEPARTMENT OF NUTRITION & DIETETICS** MINIUTES OF THE BOARD OF STUDIES 2017-2018

#### MINUTES:

- 1. The Board resolved and approved the modified course syllabus of B.Sc Nutrition and Dietetics for the students who will join in 2017 and later.
- 2. Suggested modifications were made in all theory and practicals.
- 3. The board recommended to conduct practical exams in every semester without clubbing the practical together.
- 4. The Board suggested to add few more reference books for the assignment preparation and self study area.
- 5. The Board approved the certificate programme in yoga and wellness offered by the department.

#### Members Present:

S.No	Name	Signature
1.	Dr.(Mrs)S.Parameswari	8 Somme
2.	Mrs.Jayanthiall	JP. hours.
3.	S.Ananthi	8. De
4.	J.K.Sharmila Devi	J.K. Shilas

Sign of the Chairman of the Board

PRINCIPAL --The Standard Fireworks Rajaratnam College for Women,

SIVAKASI.



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2017-2018

#### MINUTES:

- The Board resolved and approved the modified course syllabus of B.Sc Nutrition and Dietetics for the students who will join in 2017 and later.
- 2. Suggested modifications were made in all theory and practicals.
- 3. The board recommended to conduct practical exams in every semester without clubbing the practical together.
- The Board suggested to add few more reference books for the assignment preparation and self study area.
- The Board approved the certificate programme in yoga and wellness offered by the department.



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

S.No	Name	Signature
1.	Dr.(Mrs)S.Parameswari	of Several
2.	Mrs.Jayanthiall	1.8.6~~
3.	S.Ananthi	S. see
4.	M.Kavitha	M. Vheellott
5.	K.Jansirani	-gefin.
6.	M.Gnana suronmani	M. Duramaja
7.	J.Merlin rani	J. Herlix
4.	J.K.Sharmila Devi	J. K. Shing.
, le	્રાપ્ટ n of the Board	PRINCIPAL PRINCIPAL The Standard Fireworks Roje College for Women



### THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), Sivakasi

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC, College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

1.1. CURRICULUM DESIGN AND DEVELOPMENT

1.2. ACADEMIC FLEXIBILITY

- 1.1.2. REVISION OF SYLLABUS
- 1.1.3. COURSES FOCUS ON EMPLOYABILITY/ENTREPRENEURSHIP/SKILL DEVELOPMENT
- 1.2.1. NEW COURSES

MINUTES OF THE BOARD OF STUDIES 2016-2017



#### THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),

#### SIVAKASI – 626 123.

(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

#### **DEPARTMENT OF NUTRITION & DIETETICS** MINIUTES OF THE BOARD OF STUDIES 2016-2017

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN SIVAKASI.

(An Autonomous Institution affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC)

Department of Nutrition and Dietetics

#### Minutes of Board meeting - (2017 - 2018)

1. Chairman (Co-ordinator)

Dr. (Mrs).M. Santhi

Mas - M. Sault

Department of botany with specialization in plant biotechnology,

SFR College for Women, Sivakasi

2. Experts from Outside

1. Mrs.R.Mahalakshmi, M.sc, M.phil, Ph.D Head of the Department, Dept of Nutrition and Dietetics with CA, Sri.S.R.N.M.College, Sattur.

Dr.(Mrs)S.Parameswari, Associate Professor, Department of Clinical Nutrition, Periyar University, Salem.

3. One representative from Industry Ms. Jayanthiall M.Sc.,

Dietitian,

Meenakshi Mission Hospital, Madurai

4. One Post Graduate Meritorious Alumnae : J.Merlin Rani, M.Sc.,

Dietitian,

S.S.R.Hospital,

Sivakasi

5. Present Student (Only one)

A. Sona,

III B.Sc Nutrition and Dietetics,

SFR College, Sivakasi.

J. P. Mound

J. Jany



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

#### **DEPARTMENT OF NUTRITION & DIETETICS** MINIUTES OF THE BOARD OF STUDIES **2016-2017**

### THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN SIVAKASI. (An Autonomous Institution affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC)

Department of Nutrition and Dietetics

S.No	Course code	Course Title	Addition	rettes	
	GLND11	Food Science		Deletion	Justification
1.	GL.		Unit – 1 Basic four food groups, Solar cooking. Unit – II Structure of Wheat. Millets – Sanwa, Kodo, Saamai. Dextrinization, Retrogradation. Unit – V Emulsion – Types. Rancidity – Types and prevention. Smoking point – Changes in fat on heat. Spices and Condiments – Functions and role of spices, Medicinal value of Garlic, Ginger, Fenugreck, Turmeric, Cumin seeds, Cinnamon, Cloves and Coriander seeds.	Locally available millets.	Millets – Types must be specified.
2.	GLND12	Principles of Nutrition	Unit – I Factors affecting Nutrition, Nutritional Status – good and poor. Digestion and Absorption of carbohydrate, protein and fat. Unit –V Vitamins – Fat and Water Soluble – Functions, Sources	quality. Unit – IV Effects of	Essential components must be included.  Content in Unit V is Vast.



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

			and Deficiency.  Minerals – Macro (Calcium, Phosphorous) and Micro (Iron, Iodine and Fluorine) – Functions, Sources, Deficiency.		
3.	GLND1A	Human Development	No Change	No Change	-
4.	GLND21	Nutritional Biochemistry	Unit – V Water – Distribution and Functions. Electrolyte – Functions, Dehydration and Over hydration.	-	Component in Unit V is essential.
5.	GLND2A	Human Physiology	Unit – III Function of lungs. Unit – IV Differentiation of sympathetic and parasympathetic Nervous System.		Components in Unit III and IV is necessary.
6.	GLND2L	Lab – I	No Change	No Change	-
7.	GLND2AL	Allied Lab – I	No Change	No Change	-



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2016-2017

## THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN SIVAKASI.

(An Autonomous Institution affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC)

#### Department of Nutrition and Dietetics

S.NO		Course Title	Addition	Dolation	
I.	ACBP11	Basic Concepts of Bakery Products	Addition Unit - I Definition, Aims, Principles and Classification of bakery products. Role of ingredients in baking: Wheat and Role in Bakery products. Flour - Types. Unit - II Leavening Agents - Definition, Types and their role in baking. Sugar - Types and uses. Role of minor ingredients - Milk, Water and Salt in baking. Unit - IV Masala biscuits and	Deletion	Justification Components are included as per the question setting for end semester examinations.
2,	ACBPIL	Practical (Basic Concepts of Bakery	Ghee biscuits  No Change	No Change	-



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

#### **DEPARTMENT OF NUTRITION & DIETETICS** MINIUTES OF THE BOARD OF STUDIES 2016-2017

#### INUTES:

- · The Board resolved diseassed and approved the modified course syllabus of B.Sc Nutrition and Dietetics for the students who will join in 2017 and later.
- Suggested modifications were made in all theory and practical papers.
- Theory paper adjacent to practical in same semester will make better understanding for the students.
- The Board discussed=and approved the certificate course in Bakery products offered by the Department.

#### Members Present:

S.No	Name	Signature
1.	Dr.(Mrs)S.Parameswari	of Summitteent
2.	Mrs. R. Mahalakshmi	Am 12/4/17
3.	Ms. Jayanthiall	J. P. hour
4.	J.Merlin Rani	3 Melle Ran
5.	A. Sona,	A Gonza

Sign of the Chairman of the Board

PRINCIPAL The Standard Fireworks Rajaratnam College for Women,

SIVAKASI.



### THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), Sivakasi

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC, College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

1.1. CURRICULUM DESIGN AND DEVELOPMENT

1.2. ACADEMIC FLEXIBILITY

- 1.1.2. REVISION OF SYLLABUS
- 1.1.3. COURSES FOCUS ON EMPLOYABILITY/ENTREPRENEURSHIP/SKILL DEVELOPMENT
- 1.2.1. NEW COURSES

MINUTES OF THE BOARD OF STUDIES 2013-2014



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2013-2014

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN SIVAKASI – 626 123.

(An Autonomous Institution affiliated to Madurai Kamaraj University, Re-accredited with 'A' Grade by NAAC)

#### Department of Nutrition and Dietetics

Minutes of Board of Meeting , Fab 2014

1. Chairman (H.O.D.)

Ms.B.P.Sudha M.Sc.,M.Phil., Department of Nutrition and Dietetics, S.F.R.College, Sivakasi.

B.P. Jaca 8/2/14

2. Expert nominated by VC

Dr.K.P.Vasantha Devi,
Associate Professor,
Department of Home Science,
Gandhigram Rural Institute (Deemed University),
Gandhigram, Dindigul(Dt)

3. Experts from Outside

a. Mrs. Mahalakshmi, M.sc, M.phil, Ph.D. Head of the Department,
 Dept of Nutrition and Dietetics with CA, Sri.S.R.N.M.College, Sattur.

Am 2/14

b. Mrs.P.Tamilarasi,
 Head of the Department,
 Department of Nutrition and Dietetics,
 E.M.G Yadava Women's College,
 Madurai.

Manilalai 8/2/14

4. Representative from Industry

Ms. Jayanthiall M.Sc., Chief Dietitian, Meenakshi Mission Hospital,

J.P. May.

Madurai

5. Student Representative

J.Mahalakshmi

III B.Sc., Nutrition & Dietetics

All the faculty members of Nutrition & Dietetics Department.

Resolved and suggested to implement the following.



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2013-2014

## THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN SIVAKASI – 626 123.

(An Autonomous Institution affiliated to Madurai Kamaraj University, Re- accredited with 'A' Grade by NAAC)

#### Department of Nutrition and Dietetics

S.No	Course Code	Course Title	Addition	Deletion	Justification
1.	14UND12	Food Science	Unit-V Sugar cookery Spices and condiments- Functions	Unit I Basic 7 and 11 Sugar cookery Unit II Cereals and Pulses - composition, Process of rice. Unit III Vegetables, Fruits and Milk—Composition. Vegetables—Changes in pigments during cooking and storage of vegetables Unit IV Meat — Structure, Changes during cooking. Poultry and Fish — composition and methods of cooking. Unit-V Fats and oils - Composition Processing, fat absorption and factor affecting absorption. Spices and condiments- Medicinal value. Beverages—nutritive value, coffee, tea, cocoa and malted beverages. Sugar cookery-	Addition Need based. Sugar cookery was shifted from I unit to V Unit.  Deletion Portion was heavy.
2.	14UND12	Principles of Nutrition		Crystallization.  Unit-I Carbohydrates and fiber - requirements Fiber- physiological effects. Unit-II Protein and Lipids- requirements Protein -PER, NPU and chemical score. Unit - III Joule, gross and physiological fuel values.	Deletion Heavy portion.



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

				lane and a second	
				Energy needs of the body.  Basal metabolism –  Measurement, Total energy needs of the body – factors affecting including thermogenic effect of food, calculation of total energy requirements by factorial methods, Energy requirements for different age groups.  Unit – IV  Vitamins- Requirements.  Unit – V	
	T.			Macro and Micro minerals- Requirements	
			d-	Na and K- Effects of imbalances.	
3.	14UND1A	Human Development		Unit I Anecdotal, rating scale and projective techniques	Addition Need based.
			Unit IV Types of Play	Unit III Appearance and Activities new born baby Unit IV Play -theories, values. Behaviour problem- Treatment, personality development. Gifted children and slow learners	Deletion As it felt heavy.
				Unit V Cognitive development Delinquency- rehabilitation.	
4.	14UND21	Nutritional Biochemistry	Unit I cycle of Glycolysis	Unit I Classification, functions, properties HMP shunt and oxidative	Addition Need based.
			Unit II Urea cycle. Enzyme activity- specify	Phosphorylation.  Unit II Proteins – Definition, Function, Amino acids- Types, De-carboxylation. Enzymes- types Unit III Lipids- Definition, classification, functions fatty acids- properties; Unit IV Vitamins- Definition,	Deletion Portion was heavy.



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

		Human	Unit V Lactose intolerance	properties and biochemical role. Minerals- Magnesium Unit V Acid base balance -Buffer system – mechanism of lungs and kidney, glycogen storage disease, fructosuria, pentosuria, albinism and tyrosinosis	
5.	14UND2A	Physiology		Unit I Cells and its organelle. Circulatory system- Properties.  Unit III respiratory pigments,  Unit IV Nervous System- ascending and descending tracts Sense organs-function	Deletion Heavy portion.
6.	14UND2L	Lab - I		Nose and tongue  Unit V Endocrine gland-Structure and abnormality. Reproductive system- Puberty, mammary glands fertilization. Food Science:	Deletion
6.	ITONDED	Lav - A		II. i). Grouping of foods – Basic 4, 7 and 11 ii). Separation to gluten content of wheat. IV. Effect of acid and alkali. Non enzymatic browning VIII. Beverages. Nutritional Bio chemistry: Qualitative analysis of	Portion was heavy.
7.	14UND2AL	Allied Lab – I		protein and minerals.  Human Physiology:  a. Microscopic study of different tissues – epithelial, connective and muscular. mammary glands Human Development:  Visit to institutions for children with special needs.	Deletion As it felt heavy.



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

11.	14UND41	Food		T	
		Microbiology		Unit I Genera and groups of bacteria important in food bacteriology. Protozoa Unit- IV Milk and water sanitary quality test. Unit-II pasteurization, irradiation preservatives	Deletion As it felt heavy.  Deletion Repeated in Food preservation
12.	14UND4A	Family Resource Management	Unit V Care and selection of flower arrangement	Unit I resource management – Characteristics and qualities of resources. Unit II Concept and types of value, goal and standards. Unit IV Management – Tools in time management, family financial records. Unit V Furniture – meaning Flower arrangement – Types Table setting	Addition Need based.  Deletion As it felt heavy.
13.	14UND4L	Lab- II		Nutrition Through Life Cycle- Meal planning for an infant. Food Microbiology- spotters-Protozoa, Testing of milk.	Deletion Portion was heavy.
14.	14UND4AL	Allied Lab- II		Family Resource Management- Table setting	Deletion Repetition in food service management.
15.	14UND51	Therapeutic Diet	Unit I Dietitian role  Unit V Space and sports nutrition	Unit I Dietitian - Types, qualities, qualifications and code of ethics. Unit II Mal absorption, steatorrhoea, celiac disease, diverticula disease.	Addition Need based. Deletion Heavy portion.
16.	14UND5L	Lab- III (Therapeutic Diet)	Meal planning for athletes     ii. Suggested foods for space nutrition	Nutritional anaemia, PEM	Addition Need based. Deletion Portion was heavy



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

	- in/1	Therapeutic			
	14UND61	Diet and Counseling		Unit-I phenyl ketonuria, lactose intolerance, Unit II Hyperlipidemia, coronary heart disease Unit IV AIDS, Surgery and Trauma	Addition Repeated in Nutritional biochemistry. Deletion Portion was heavy.
18.	14UND62	Food Service Management	Unit V Hygiene in food handling in receiving, storage preparation and service	Unit I Catering industry - Definition, classification. Unit III Adjustment of standard recipe yields menu planning- Definition, functions Unit IV Management- principles Unit V Definition, environmental Computers in catering	Addition Need based.  Deletion Portion was heavy.
19.	14UND6L	Lab- IV	Table setting	AIDS. Lactose intolerance.	Addition Need based.
20.	14UND6P	Project	No Change	No Change	No Change
21.	14UND5E1	Community Nutrition	Unit-V Specify the prophylaxis programme	Unit-I Concept of community nutrition Unit-III Training in nutrition, implementation of nutrition education programme	Addition Need based. Deletion Portion was heavy.
22.	14UND5E2	Food Packaging	No Change	No Change	No Change
23.	14UND5E3	Extension Education		Unit I Extension education- Philosophy and duties Unit II History of community development Unit IV	Deletion Portion was heavy.
24	14UND5E4	Functional foods	No Change	Tools and techniques No Change	No Change
25	14UND6E1	Nutraceuticals Textiles and		Unit I Spinning – concept of yarn	
1	-	Clothing			



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2013-2014

### CERTIFICATE COURSE IN FOOD PREPARATION

S.No	Course Code	Course Title	Addition	Deletion	Justification
1.	14XCFP1	Food Preparation	No Change	No Change	No Change
2.	14XCFPL	Practical( Food Preparation)	No Change	No Change	No Change

#### CERTIFICATE COURSE IN FOOD PRESERVATION

S.No	Course Code	Course Title	Addition	Deletion	Justification
1.	14XCFS1	Food Preservation	No Change	No Change	No Change
2. 14XCFSL		Practical( Food Preservation)	No Change	No Change	No Change



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2013-2014

#### MINUTES:

- ♦ The Board discussed and approved the modified course scheme of B.Sc., Nutrition & Dietetics for the students who will join in june2014 and later.
- Syllabus was good and elaborative. Students will gain rich and in-depth experiences by studying this syllabus.
- Suggested modifications were made in all theory and practical papers.
- ♦ The board suggested mentioning the name of the course in the practical papers.
- Theory paper adjacent to practical in same semester will make better understanding for the students.
  - ♦ The Board discussed and approved the Non major elective courses for the students who will join in june2014 and later.
  - The Board discussed and approved a certificate course in Food preparation and food preservation offered by Department of Botany with specialization.
  - ♦ A certificate course was much appreciable and impressive.



(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC, College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

# DEPARTMENT OF NUTRITION & DIETETICS MINIUTES OF THE BOARD OF STUDIES 2013-2014

Mem	bers	P	r	es	en	t	:
***							

S.No	Name	Signature
1	Dr.K.P.Vasantha Devi	Absent
2	Mrs. <b>R</b> .Mahalakshmi	8/2/14 ·
3	Mrs.P. Tamilarasi	P. Can lasai /8-2-14
4	Mrs.J.P Jayanthiall	I.P. Lay
5	Ms.J.Mahalakshmi	J-Mahalo, Ashmi

B.P. 812114 Sign of the Chairman of the Board

PRINCIPAL
PRINCIPAL
The Standard Fireworks Rajaratnam
College for Women
SIVAKASL