# AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG SELECTED ADOLESCENT GIRLS - A NUTRITION

## **EDUCATION STUDY**

Project report submitted in partial fulfilment of the degree of

## BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



## **SUBMITTED BY**

M. ABITHA	- 2018N01
P. BHARATHI PRIYA	- 2017N09
M. DEVAYANI	- 2018N08
K. JAISY THANGAM	- 2018N14
K. KOVARTHINI	- 2018N18
V. PRIYADHARSINI	- 2018N22
M. SUBHASHINI	- 2018N38
S. SOWMIYA	- 2018N46
K. THENDRAL	- 2018N43

## THE RESEARCH CENTRE OF HOME

**SCIENCE WITH FOOD** 

**BIOTECHNOLOGY** 

## FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence
94<sup>th</sup> ranking in India ranking 2019(NIRF) by MHRD
Affiliated to Madurai Kamaraj University
Madurai 2020

## CERTIFICATE

This is to certify that the project entitled AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG PROJECT CIRLS has been undertaken by SYNDROME AMONG SELECTED ADOLESCENT GIRLS has been undertaken by

M. ABITHA	-2018N01
P. BHARATHI PRIYA	-2017N09
M. DEVAYANI	-2018N08
K. JAISY THANGAM	-2018N14
K. KOVARTHINI	-2018N18
V. PRIYADHARSINI	-2018N22
M. SUBHASHINI	-2018N38
S. SOWMIYA	-2018N46
K. THENDRAL	-2018N43

III B.Sc. Home Science with Food Biotechnology

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture SEMPATTI-624707.

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. Vasantha Esther Rani, Head of the department, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

and the second s		
M. ABITHA	-	2018N01
M. DEVAYANI	· -	2017N09
K. JAISY THANGAM		2018N08
K. KOVARTHINI	-	2018N14
V. PRIYADHARSINI	-	2018N18
M. SUBHASHINI	-	2018N22
S. SOWMIYA	-	2018N38
K. THENDRAL	-	2018N46
ENDINAL	-	2018N43

III B.Sc. Home Science with Food Biotechnology

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Professor & Head

The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

# STUDY ON SABLA SCHEME AT MADURAI DISTRICT

Project report submitted in partial fulfillment of the degree of

# BACHELOR OF SCIENCE IN HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



### **SUBMITTED**

K.S.AISHWARYA	2018N02
K.KALAISELVI	2018N16
P.NIRRANJANA	2018N20
P.PRIYANKA	2018N23
R. RAGAVI	2018N24
J. RAMYA	2018N25
O.S. RATHI DEVI	2018N26
K.RINOJA BEGUM	2018N28
M .SANOFER MASKUDHA BANU	2018N29
T.SIVA AMIRTHA VARSHINI	2018N32

## RESEARCH CENTRE OF HOME SCIENCE

WITH FOOD BIO-TECHNOLOGY

FATIMA COLLEGE (AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE 94<sup>th</sup> RANKING IN INDIA RANKING 2019(NIRF) BY MHRD AFFLIATED TO MADURAI KAMARAJ UN IVERSITY MADURAI

2021

## CERTIFICATE

This is to certify that the project has been undertaken by STUDY ON SABLA SCHEME AT MADURAI DISTRICT.

## K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF HOME SCIENCE WITH FOOD BIO TECHNOLOGY

C. furgalate PROJECT GUIDE

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani

Associate Professor & Head
The Research Centre of Home Science
Fatima College (Autonomous)

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI - 624 707.

## **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. C. PRIYALATHA, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF III HOME SCIENCE WITH FOOD BIOTECHNOLOGY

HEAD OF THE DEPARTMENT

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

# IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC. BACHELOR OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY



## SUBMITTED BY

	A. AISHWARYA DEVI	- 2018N03
•	P.BHAVA DHARANI	- 2018N09 - 2018N09
٠	S. DHARANI	-2018N13
•	J. IFRATH FAHIM A.MARIYAM	- 2018N19
•	K. PRIYA	-2018N21
	P. SHANMUGA PRIYA	-2018N31 -2018N39
	K. SUSHMITHA	- 40101132

RESEARCH CENTRE OF HOME SCIENCE WITH FOOD
BIOTECHNOLOGYGY FATIMA
COLLEGE (AUTONOMOUS)
COLLEGE WITH POTENTIAL FOR EXCELLENCE
MADURAI - 2020

# CERTIFICATE IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC PERIOD

# STUDENTS OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

- A. AISHWARYA DEVI- 2018N03
- P. BHAVA DHARANI- 2018N05
- S. DHARANI 2018N09
- J. IFRATH FAHIM 2018N13
- A. MARIYAM 2018N19
- K. PRIYA 201821
- P.SHANMUGA PRIYA- 2018N31
- K.SUSHMITHA 2018N39

PROJECT GUIDE

Dr. S. Santhi M.Sc., M.Phil., Ph.D

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani M.Sc., M.Phil., Ph.D

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture

## ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Project report submitted in partial fulfilment for degree of

## BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD BIOTECHNOLOGY



## SUBMITTED BY,

A.ATCHAYA SURUTHI 2018N04

G.FATHIMA BADHARNISA 2018N10

M.JEYASRI 2018N15

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

DEPARTMENT OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3<sup>rd</sup> CYCLE)

74<sup>th</sup> RANK IN INDIA RANKING 2020 (NIRF) BY MHRD

## FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3rd CYCLE) 74th RANK IN INDIA RANKING 2020 (NIRF) BY MHRD MARCH-2021

## CERTIFICATE

This is certified that the project entitled

## ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Has been undertaken by

A.ATCHAYA SURUTHI 2018N04

**G.FATHIMA BADHARNISA 2018N10** 

**M.JEYASRI 2018N15** 

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

A: Atchayr Sevruthi Fathima Badhamisa

Jeya Kni

kokhila vani

Rothi Preetha P

Shampani. G

Bubashini.M

OF DEPARTMENT OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

Dr. V. PUNITHAVATHI, M.Se., M. Phil., Philips Assistant Professor (#4148416A) RVS Padmavathy College of Hartistitus SEMPATIT- WATER

# IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC. BACHELOR OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY



## SUBMITTED BY

	HWARVA DEVI	- 2018N03
• P.BHA	VA DHARANI	- 2018N05
· S. DHA	RANI	= 2018N09 = 2018N13
<ul><li>J. IFRA</li><li>A.MAR</li></ul>	TH FAHIM	- 2018N19
· K PRI	YΑ	- 2018N21 - 2018N31
• P. SHA	NMUGA PRIYA HMITHA	- 2018N39
<ul> <li>K. SUSI</li> </ul>	TATE TATES	

# RESEARCH CENTRE OF HOME SCIENCE WITH FOOD BIOTECHNOLOGYGY FATIMA COLLEGE (AUTONOMOUS) COLLEGE WITH POTENTIAL FOR EXCELLENCE MADURAI - 2020

# CERTIFICATE IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC PERIOD

# STUDENTS OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

- A. AISHWARYA DEVI- 2018N03
- P. BHAVA DHARANI- 2018N05
- S. DHARANI 2018N09
- J. IFRATH FAHIM 2018N13
- A. MARIYAM 2018N19
- K. PRIYA 201821
- P.SHANMUGA PRIYA- 2018N31
- K.SUSHMITHA 2018N39

PROJECT GUIDE

Dr. S. Santhi M.Sc., M.Phil., Ph.D

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani M.Sc., M.Phil., Ph.D

Dr. Vasantha Esther Rani

Associate Professor & Head
The Research Centre of Home Science
Fatima College (Autonomous)
Madurai - 625 018.

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)
RVS Padmavathy College of Horticulture

## FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

(College with Potential for Excellence)

Re-Accredited with 'A' Grade by NAAC

Development of Nutrition education for Angemic PROJECT SUBMITTED BY Adolescente.

## DEEPA SAKTHI SRI . M

DEEPIKA . B
HARINI . P
SIVANI . C
SNEHA MAGLIN . G.T
SWETHA . T
MUNIYA D#ARSHINI . M

Under the Guidance of

Mrs.C.Helen, Assistant Professor

Research Centre of Home Science

Fatima College

Madurai-18

March

2021

### CERTIFICATE

This is to certify that the project has been undertaken by Development Of Nutrition Education Package Adolescent Girls submitted in partial fulfillment on the requirements for the award of bachelor of science in home science with food biotechnology is a bonafide record of research work carried out by the following students

DEEPA SAKTHI SRI. M

DEEPIKA.B

HARINI. P

SIVANI.C

SNEAHA MAGLIN.G.T

SWEATHA.T

MUNIYA DARSHINLM

GUIDE

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Protessor & Head

The Research Centre of Home Science Faties College (Autonomous) Madurai - 625 018

**EXTERNAL EXAMINER** 

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)
RVS Padmavathy College of Horticulture
SEMPATTI-524787.

### **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Mrs.C.Helen, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

DEEPIKA.B - B. Dupih

HARINI.P - Toffarini

SIVANI.C \_ C. Sivoni

SNEAHA MAGLIN.G.T -G.T. Shin May 1
SWEATHA.T - T. Swetty.

MUNIYA DARSHINI.M — 从

Date

## FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

(College with Potential for Excellence)

Re-Accredited with 'A' Grade by NAAC

Development of Nutrition education for Angemic PROJECT SUBMITTED BY Adolescente.

DEEPA SAKTHI SRI . M
DEEPIKA . B
HARINI . P
SIVANI . C
SNEHA MAGLIN . G.T
SWETHA . T
MUNIYA D#ARSHINI . M

Under the Guidance of

Mrs.C.Helen, Assistant Professor

Research Centre of Home Science

Fatima College

Madurai-18

March

2021

### **CERTIFICATE**

This is to certify that the project has been undertaken by Development Of Nutrition Education Package Adolescent Girls submitted in partial fulfillment on the requirements for the award of bachelor of science in home science with food biotechnology is a bonafide record of research work carried out by the following students

DEEPA SAKTHI SRI. M

DEEPIKA.B

HARINI. P

SIVANI.C

SNEAHA MAGLIN.G.T

SWEATHA.T

MUNIYA DARSHINLM

**GUIDE** 

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rant Associate Professor & Head The Research Centre of Home Sectiones

Fatienta College (Autonomous)
Madurai - 625 0 (3

**EXTERNAL EXAMINER** 

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)
RVS Padmavathy College of Horticulture
SEMPATTI-524787.

### **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Mrs.C.Helen, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

DEEPA SAKTHI SRI. M - U . freftel. "

DEEPIKA.B - B. Dupih

HARINI.P - THawi

SIVANI.C \_ C. Sivoni

SNEAHA MAGLIN.G.T -G.T. Slin Magli SWEATHA.T - T. Swetty.

MUNIYA DARSHINI.M — 从

Date

# AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG SELECTED ADOLESCENT GIRLS - A NUTRITION

## **EDUCATION STUDY**

Project report submitted in partial fulfilment of the degree of

## BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



## **SUBMITTED BY**

M. ABITHA	- 2018N01
P. BHARATHI PRIYA	- 2017N09
M. DEVAYANI	- 2018N08
K. JAISY THANGAM	- 2018N14
K. KOVARTHINI	- 2018N18
V. PRIYADHARSINI	- 2018N22
M. SUBHASHINI	- 2018N38
S. SOWMIYA	- 2018N46
K. THENDRAL	- 2018N43

## THE RESEARCH CENTRE OF HOME

**SCIENCE WITH FOOD** 

## **BIOTECHNOLOGY**

## FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence
94<sup>th</sup> ranking in India ranking 2019(NIRF) by MHRD
Affiliated to Madurai Kamaraj University
Madurai 2020

## CERTIFICATE

This is to certify that the project entitled AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG PROJECT CIRLS has been undertaken by SYNDROME AMONG SELECTED ADOLESCENT GIRLS has been undertaken by

M. ABITHA	
D. D. HA	-2018N01
P. BHARATHI PRIYA	-2017N09
M. DEVAYANI	-2018N08
K. JAISY THANGAM	-2018N14
K. KOVARTHINI	-2018N18
V. PRIYADHARSINI	-2018N22
M. SUBHASHINI	-2018N38
S. SOWMIYA	-2018N46
K. THENDRAL	-2018N43

III B.Sc. Home Science with Food Biotechnology

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture SEMPATTI-624707.

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. Vasantha Esther Rani, Head of the department, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

M. ABITHA P. BHARATHI PRIYA M. DEVAYANI K. JAISY THANGAM K. KOVARTHINI V. PRIYADHARSINI M. SUBHASHINI S. SOWMIYA K. THENDRAY	- - - - - -	2018N01 2017N09 2018N08 2018N14 2018N18 2018N22 2018N38 2018N46
K. THENDRAL	-	2018N46
THENDRAL	-	2018N43

III B.Sc. Home Science with Food Biotechnology

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

# IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC. BACHELOR OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY



## SUBMITTED BY

<ul> <li>A. AISHWARYA DEVI</li> </ul>	-2018N03
• P.BRAVA DHARANI	- 2018N05
S. DHARANI	-2018N09
• J. IFRATH FAHIM	=2018N13
<ul> <li>A.MARIYAM</li> </ul>	- 2018N19 - 2018N21
K. PRIYA	-2018N31
<ul> <li>P. SHANMUGA PRIYA</li> </ul>	-2018N39
<ul> <li>K. SUSHMITHA</li> </ul>	- 40.404

RESEARCH CENTRE OF HOME SCIENCE WITH FOOD
BIOTECHNOLOGYGY FATIMA
COLLEGE (AUTONOMOUS)
COLLEGE WITH POTENTIAL FOR EXCELLENCE
MADURAI - 2020

# CERTIFICATE IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC PERIOD

# STUDENTS OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

- A. AISHWARYA DEVI- 2018N03
- P. BHAVA DHARANI- 2018N05
- S. DHARANI 2018N09
- J. IFRATH FAHIM 2018N13
- A. MARIYAM 2018N19
- K. PRIYA 201821
- P.SHANMUGA PRIYA- 2018N31
- K.SUSHMITHA 2018N39

PROJECT GUIDE

Dr. S. Santhi M.Sc., M.Phil., Ph.D

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani M.Sc., M.Phil., Ph.D

Dr. Vasantha Esther Rani

Associate Professor & Head
The Research Centre of Home Science
Fatima College (Autonomous)
Madurai - 625 018.

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture

## ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Project report submitted in partial fulfilment for degree of

## BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD BIOTECHNOLOGY



## SUBMITTED BY,

A.ATCHAYA SURUTHI 2018N04

G.FATHIMA BADHARNISA 2018N10

M.JEYASRI 2018N15

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

DEPARTMENT OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY
FATIMA COLLEGE (AUTONOMOUS), MADURAI.
RE-ACCREDITED WITH 'A' GRADE BY NAAC (3<sup>rd</sup> CYCLE)
74<sup>th</sup> RANK IN INDIA RANKING 2020 (NIRF) BY MHRD

## FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3rd CYCLE) 74th RANK IN INDIA RANKING 2020 (NIRF) BY MHRD MARCH-2021

## CERTIFICATE

This is certified that the project entitled

## ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Has been undertaken by

A.ATCHAYA SURUTHI 2018N04

G.FATHIMA BADHARNISA 2018N10

**M.JEYASRI 2018N15** 

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

A: Atchayr Sevruthi Fathima Badhamisa

Jeya Kni

Kokhila vani

Rothi Preetha P

Shampani. G

Bubashini.M

OF DEPARTMENT OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

Dr. V. PUNITHAVATHI, M.Se., M. Phil., Philips Assistant Professor (#4148416A) RVS Padmavathy College of Hartistitus SEMPATIT- WATER

## FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

(College with Potential for Excellence)

Re-Accredited with 'A' Grade by NAAC

Development of Nutrition education for Angemic PROJECT SUBMITTED BY Adolescente.

DEEPA SAKTHI SRI. M
DEEPIKA. B
HARINI. P
SIVANI. C
SNEHA MAGLIN. G.T
SWETHA. T
MUNIYA D#ARSHINI. M

Under the Guidance of

Mrs.C.Helen, Assistant Professor

Research Centre of Home Science

Fatima College

Madurai-18

March

2021

### **CERTIFICATE**

This is to certify that the project has been undertaken by Development Of Nutrition Education Package Adolescent Girls submitted in partial fulfillment on the requirements for the award of bachelor of science in home science with food biotechnology is a bonafide record of research work carried out by the following students

DEEPA SAKTHI SRI, M

DEEPIKA.B

HARINI.P

SIVANI.C

SNEAHA MAGLIN.G.T

SWEATHA.T

MUNIYA DARSHINLM

**GUIDE** 

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rant Associate Professor & Head The Research Centre of Home Sectiones

Fatima College (Autonomous)
Madurai - 625 018

**EXTERNAL EXAMINER** 

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)
RVS Padmavathy College of Horticulture
SEMPATTI-624787.

## **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Mrs.C.Helen, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

DEEPA SAKTHI SRI. M - H. frethilm! "

DEEPIKA.B - B. Dupih

HARINI.P - Toffairi

SIVANI.C \_ C. Sivoni

SNEAHA MAGLIN.G.T -G.T. Slin Magli SWEATHA.T - T. Swetty.

MUNIYA DARSHINI.M — 从

Date

# IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC. BACHELOR OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY



## SUBMITTED BY

<ul> <li>A. AISHWARYA DEVI</li> </ul>	-2018N03
• P.BHAVA DHARANI	-2018N05
o DUADANI	-2018N09
• S. DHARANI • J. IERATH FAHIM	-2018N13
• A.MARIYAM	- 2018N19
· K. PRIYA	-2018N21
• P. SHANMUGA PRIYA	-2018N31
· K SUSHMITHA	-2018N39

RESEARCH CENTRE OF HOME SCIENCE WITH FOOD
BIOTECHNOLOGYGY FATIMA
COLLEGE (AUTONOMOUS)
COLLEGE WITH POTENTIAL FOR EXCELLENCE
MADURAI - 2020

# CERTIFICATE IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC PERIOD

# STUDENTS OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

- A. AISHWARYA DEVI- 2018N03
- P. BHAVA DHARANI- 2018N05
- S. DHARANI 2018N09
- J. IFRATH FAHIM 2018N13
- A. MARIYAM 2018N19
- K. PRIYA 201821
- P.SHANMUGA PRIYA- 2018N31
- K.SUSHMITHA 2018N39

PROJECT GUIDE

Dr. S. Santhi M.Sc., M.Phil., Ph.D

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani M.Sc., M.Phil., Ph.D

Dr. Vasantha Esther Rani

Associate Professor & Head
The Research Centre of Home Science
Fatima College (Autonomous)
Madurai - 625 018.

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture

# AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG SELECTED ADOLESCENT GIRLS - A NUTRITION

## **EDUCATION STUDY**

Project report submitted in partial fulfilment of the degree of

## BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



## **SUBMITTED BY**

M. ABITHA	- 2018N01
P. BHARATHI PRIYA	- 2017N09
M. DEVAYANI	- 2018N08
K. JAISY THANGAM	- 2018N14
K. KOVARTHINI	- 2018N18
V. PRIYADHARSINI	- 2018N22
M. SUBHASHINI	- 2018N38
S. SOWMIYA	- 2018N46
K. THENDRAL	- 2018N43

## THE RESEARCH CENTRE OF HOME

**SCIENCE WITH FOOD** 

### **BIOTECHNOLOGY**

## FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence
94<sup>th</sup> ranking in India ranking 2019(NIRF) by MHRD
Affiliated to Madurai Kamaraj University
Madurai 2020

## CERTIFICATE

This is to certify that the project entitled AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG PROJECT CIRLS has been undertaken by SYNDROME AMONG SELECTED ADOLESCENT GIRLS has been undertaken by

M. ABITHA	-2018N01
P. BHARATHI PRIYA	-2017N09
M. DEVAYANI	-2018N08
K. JAISY THANGAM	-2018N14
K. KOVARTHINI	-2018N18
V. PRIYADHARSINI	-2018N22
M. SUBHASHINI	-2018N38
S. SOWMIYA	-2018N46
K. THENDRAL	-2018N43

III B.Sc. Home Science with Food Biotechnology

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,

Assistant Professor (Extension) RVS Padmavathy College of Horticulture SEMPATTI-624707.

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. Vasantha Esther Rani, Head of the department, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

M. ABITHA		
P PILADAM	-	2018N01
P. BHARATHI PRIYA M. DEVAYANI	· -	2017N09
M. DEVAYANI	_	2018N08
K. JAISY THANGAM	_	2018N14
V PRIVADUA DA	_	2018N18
V. PRIYADHARSINI M. SUBHASHINI	-	2018N22
S. SOWMIYA	· -	2018N38
K. THENDRAL	-	2018N46
TILNDRAL	-	2018N43

III B.Sc. Home Science with Food Biotechnology

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

## ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Project report submitted in partial fulfilment for degree of

## BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD BIOTECHNOLOGY



## SUBMITTED BY,

A.ATCHAYA SURUTHI 2018N04 G.FATHIMA BADHARNISA 2018N10

M.JEYASRI 2018N15

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

DEPARTMENT OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3<sup>rd</sup> CYCLE)

74<sup>th</sup> RANK IN INDIA RANKING 2020 (NIRF) BY MHRD

## FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3rd CYCLE) 74th RANK IN INDIA RANKING 2020 (NIRF) BY MHRD MARCH-2021

## CERTIFICATE

This is certified that the project entitled

## ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Has been undertaken by

A.ATCHAYA SURUTHI 2018N04

G.FATHIMA BADHARNISA 2018N10

M.JEYASRI 2018N15

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

A: Atchayr Sevruthi Fathima Badhamisa

Jeya Kni

kokhila vani

Rothi Preetha P

Shampani. G

Bubashini.M

OF DEPARTMENT OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

Dr. V. PUNITHAVATHI, M.Se., M. Phil., Philips Assistant Professor (#4148416A) RVS Padmavathy College of Hartistitus SEMPATIT - WATER

# STUDY ON SABLA SCHEME AT MADURAI DISTRICT

Project report submitted in partial fulfillment of the degree of

# BACHELOR OF SCIENCE IN HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



## **SUBMITTED**

K.S.AISHWARYA	2018N02
K.KALAISELVI	2018N16
P.NIRRANJANA	2018N20
P.PRIYANKA	2018N23
R. RAGAVI	2018N24
J. RAMYA	2018N25
O.S. RATHI DEVI	2018N26
K.RINOJA BEGUM	2018N28
M .SANOFER MASKUDHA BANU	2018N29
T.SIVA AMIRTHA VARSHINI	2018N32

# RESEARCH CENTRE OF HOME SCIENCE

WITH FOOD BIO-TECHNOLOGY

FATIMA COLLEGE (AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE 94<sup>th</sup> RANKING IN INDIA RANKING 2019(NIRF) BY MHRD AFFLIATED TO MADURAI KAMARAJ UN IVERSITY MADURAI

2021

This is to certify that the project has been undertaken by STUDY ON SABLA SCHEME AT MADURAI DISTRICT.

K.S. AISHWARYA

## K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF HOME SCIENCE WITH FOOD BIO TECHNOLOGY

C. furgalate PROJECT GUIDE

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani

Associate Professor & Head
The Research Centre of Home Science
Fatima College (Autonomous)

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI-624707.

## **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. C. PRIYALATHA, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF III HOME SCIENCE WITH FOOD BIOTECHNOLOGY

HEAD OF THE DEPARTMENT

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

## ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Project report submitted in partial fulfilment for degree of

#### BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD BIOTECHNOLOGY



#### SUBMITTED BY,

A.ATCHAYA SURUTHI 2018N04 G.FATHIMA BADHARNISA 2018N10 M.JEYASRI 2018N15

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

DEPARTMENT OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3<sup>rd</sup> CYCLE)

74<sup>th</sup> RANK IN INDIA RANKING 2020 (NIRF) BY MHRD

## FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3rd CYCLE) 74th RANK IN INDIA RANKING 2020 (NIRF) BY MHRD MARCH-2021

#### CERTIFICATE

This is certified that the project entitled

## ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Has been undertaken by

A.ATCHAYA SURUTHI 2018N04

G.FATHIMA BADHARNISA 2018N10

**M.JEYASRI 2018N15** 

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

A: Atchayr Sevruthi Fathima Badhamisa

Jeya Kni

Kokhila vani

Rothi Preetha P

Shampani. G

Bubashini.M

OF DEPARTMENT OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

Dr. V. PUNITHAVATHI, M.Se., M. Phil., Philips Assistant Professor (#4148416A) RVS Padmavathy College of Hartistitus SEMPATIT- WATER

# AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG SELECTED ADOLESCENT GIRLS - A NUTRITION

## **EDUCATION STUDY**

Project report submitted in partial fulfilment of the degree of

## BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



## **SUBMITTED BY**

M. ABITHA	- 2018N01
P. BHARATHI PRIYA	- 2017N09
M. DEVAYANI	- 2018N08
K. JAISY THANGAM	- 2018N14
K. KOVARTHINI	- 2018N18
V. PRIYADHARSINI	- 2018N22
M. SUBHASHINI	- 2018N38
S. SOWMIYA	- 2018N46
K. THENDRAL	- 2018N43

## THE RESEARCH CENTRE OF HOME

**SCIENCE WITH FOOD** 

#### **BIOTECHNOLOGY**

## FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence
94<sup>th</sup> ranking in India ranking 2019(NIRF) by MHRD
Affiliated to Madurai Kamaraj University
Madurai 2020

This is to certify that the project entitled AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG PROJECT CIRLS has been undertaken by SYNDROME AMONG SELECTED ADOLESCENT GIRLS has been undertaken by

Maria	
M. ABITHA	-2018N01
P. BHADATIH DDITA	
P. BHARATHI PRIYA	-2017N09
M. DEVAYANI	20108100
K IAIGAM	-2018N08
K. JAISY THANGAM	-2018N14
K. KOVARTHINI	-2018N18
V. PRIYADHARSINI	
MATADHARSINI	-2018N22
M. SUBHASHINI	-2018N38
S. SOWMIYA	
o. SOWMIYA	-2018N46
K. THENDRAL	
TICHDICAL	-2018N43

III B.Sc. Home Science with Food Biotechnology

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture SEMPATTI-624707.

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. Vasantha Esther Rani, Head of the department, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

M. ABITHA P. BHARATHI PRIYA M. DEVAYANI K. JAISY THANGAM K. KOVARTHINI V. PRIYADHARSINI M. SUBHASHINI S. SOWMIYA K. THENDRAY	- - - - - -	2018N01 2017N09 2018N08 2018N14 2018N18 2018N22 2018N38 2018N46
K. THENDRAL	-	2018N46
THENDRAL	-	2018N43

III B.Sc. Home Science with Food Biotechnology

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

# IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC. BACHELOR OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY



## SUBMITTED BY

	A. AISHWARYA DEVI	-2018N03
	P.BHAVA DHARANI	-2018N05
•	S. DHARANI	-2018N09
•	S. DHARAGO	-2018N13
٠	J. IFRATH FAHIM A.MARIYAM	- 2018N19
٠		-2018N21
•	K. PRIYA	-2018N31
٠	P. SHANMUGA PRIYA	-2018N39
•	K. SUSHMITHA	

RESEARCH CENTRE OF HOME SCIENCE WITH FOOD
BIOTECHNOLOGYGY FATIMA
COLLEGE (AUTONOMOUS)
COLLEGE WITH POTENTIAL FOR EXCELLENCE
MADURAI - 2020

## CERTIFICATE IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC PERIOD

## STUDENTS OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

- A. AISHWARYA DEVI- 2018N03
- P. BHAVA DHARANI- 2018N05
- S. DHARANI 2018N09
- J. IFRATH FAHIM 2018N13
- A. MARIYAM 2018N19
- K. PRIYA 201821
- P.SHANMUGA PRIYA- 2018N31
- K.SUSHMITHA 2018N39

PROJECT GUIDE

Dr. S. Santhi M.Sc., M.Phil., Ph.D

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani M.Sc., M.Phil., Ph.D

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture

## STUDY ON SABLA SCHEME AT MADURAI DISTRICT

Project report submitted in partial fulfillment of the degree of

# BACHELOR OF SCIENCE IN HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



#### **SUBMITTED**

K.S.AISHWARYA	2018N02
K.KALAISELVI	2018N16
P.NIRRANJANA	2018N20
P.PRIYANKA	2018N23
R. RAGAVI	2018N24
J. RAMYA	2018N25
O.S. RATHI DEVI	2018N26
K.RINOJA BEGUM	2018N28
M .SANOFER MASKUDHA BANU	2018N29
T.SIVA AMIRTHA VARSHINI	2018N32

# RESEARCH CENTRE OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY

FATIMA COLLEGE (AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE 94<sup>th</sup> RANKING IN INDIA RANKING 2019(NIRF) BY MHRD AFFLIATED TO MADURAI KAMARAJ UN IVERSITY MADURAI

2021

This is to certify that the project has been undertaken by STUDY ON SABLA SCHEME AT MADURAI DISTRICT.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF HOME SCIENCE WITH FOOD BIO TECHNOLOGY

c. Surgalat

HEAD OF THE DEPARTMENT

Dr. **Vasantha** Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI-624707.

## **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. C. PRIYALATHA, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF III HOME SCIENCE WITH FOOD BIOTECHNOLOGY

HEAD OF THE DEPARTMENT

Associate Professor & Head The Research Centre of Home Science

Fatima College (Autonomous) Madurai - 625 018.

# IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC. BACHELOR OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY



## SUBMITTED BY

· A. AISHWAR	VA DEVI - 2018N03
• P.BHAVA DH	A PANI - 2018N05
	- 2018N09
· S. DHARANI	HIM - 2018N13
<ul> <li>J. IFRATH FA</li> </ul>	- 2018N19
<ul> <li>A.MARIYAM</li> </ul>	-2018N21
<ul> <li>K. PRIYA</li> </ul>	-0.403/21
· P. SHANMUG	A PRIVA -2018N39
<ul> <li>K. SUSHMITH</li> </ul>	IA - 2010/10

RESEARCH CENTRE OF HOME SCIENCE WITH FOOD
BIOTECHNOLOGYGY FATIMA
COLLEGE (AUTONOMOUS)
COLLEGE WITH POTENTIAL FOR EXCELLENCE
MADURAI - 2020

## CERTIFICATE IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC PERIOD

## STUDENTS OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

- A. AISHWARYA DEVI- 2018N03
- P. BHAVA DHARANI- 2018N05
- S. DHARANI 2018N09
- J. IFRATH FAHIM 2018N13
- A. MARIYAM 2018N19
- K. PRIYA 201821
- P.SHANMUGA PRIYA- 2018N31
- K.SUSHMITHA 2018N39

PROJECT/GUIDE

Dr. S. Santhi M.Sc., M.Phil., Ph.D

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani M.Sc., M.Phil., Ph.D

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)
RVS Padmavathy College of Horticulture

# AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG SELECTED ADOLESCENT GIRLS - A NUTRITION

## **EDUCATION STUDY**

Project report submitted in partial fulfilment of the degree of

## BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



## **SUBMITTED BY**

M. ABITHA	- 2018N01
P. BHARATHI PRIYA	- 2017N09
M. DEVAYANI	- 2018N08
K. JAISY THANGAM	- 2018N14
K. KOVARTHINI	- 2018N18
V. PRIYADHARSINI	- 2018N22
M. SUBHASHINI	- 2018N38
S. SOWMIYA	- 2018N46
K. THENDRAL	- 2018N43

## THE RESEARCH CENTRE OF HOME

**SCIENCE WITH FOOD** 

#### **BIOTECHNOLOGY**

## FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence
94<sup>th</sup> ranking in India ranking 2019(NIRF) by MHRD
Affiliated to Madurai Kamaraj University
Madurai 2020

This is to certify that the project entitled AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG PROJECT CIRLS has been undertaken by SYNDROME AMONG SELECTED ADOLESCENT GIRLS has been undertaken by

M. ABITHA	-2018N01
P. BHARATHI PRIYA	-2017N09
M. DEVAYANI	-2018N08
K. JAISY THANGAM	-2018N14
K. KOVARTHINI	-2018N18
V. PRIYADHARSINI	-2018N22
M. SUBHASHINI	-2018N38
S. SOWMIYA	-2018N46
K. THENDRAL	-2018N43

III B.Sc. Home Science with Food Biotechnology

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture SEMPATTI-624707.

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. Vasantha Esther Rani, Head of the department, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

M. ABITHA		
P BUADAMA	-	2018N01
P. BHARATHI PRIYA	· -	2017N09
M. DEVAYANI	· -	2018N08
K. JAISY THANGAM	-	2018N14
K. KOVARTHINI	_	2018N18
V. PRIYADHARSINI M. SUDUA GYAR	<u>-</u>	2018N22
- ODITAPHIM	-	2018N38
S. SOWMIYA	-	2018N46
K. THENDRAL	-	2018N43

III B.Sc. Home Science with Food Biotechnology

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

## STUDY ON SABLA SCHEME AT MADURAI DISTRICT

Project report submitted in partial fulfillment of the degree of

# BACHELOR OF SCIENCE IN HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



#### **SUBMITTED**

K.S.AISHWARYA	2018N02
K.KALAISELVI	2018N16
P.NIRRANJANA	2018N20
P.PRIYANKA	2018N23
R. RAGAVI	2018N24
J. RAMYA	2018N25
O.S. RATHI DEVI	2018N26
K.RINOJA BEGUM	2018N28
M .SANOFER MASKUDHA BANU	2018N29
T.SIVA AMIRTHA VARSHINI	2018N32

## RESEARCH CENTRE OF HOME SCIENCE

WITH FOOD BIO-TECHNOLOGY

FATIMA COLLEGE (AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE 94<sup>th</sup> RANKING IN INDIA RANKING 2019(NIRF) BY MHRD AFFLIATED TO MADURAI KAMARAJ UN IVERSITY MADURAI

2021

This is to certify that the project has been undertaken by STUDY ON SABLA SCHEME AT MADURAI DISTRICT.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF HOME SCIENCE WITH FOOD BIO TECHNOLOGY

C. furgalate PROJECT GUIDE

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani

Associate Professor & Head
The Research Centre of Home Science
Fatima College (Autonomous)

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI-624707.

## **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. C. PRIYALATHA, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF III HOME SCIENCE WITH FOOD BIOTECHNOLOGY

HEAD OF THE DEPARTMENT

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

## STUDY ON SABLA SCHEME AT MADURAI DISTRICT

Project report submitted in partial fulfillment of the degree of

# BACHELOR OF SCIENCE IN HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



## **SUBMITTED**

K.S.AISHWARYA	2018N02
K.KALAISELVI	2018N16
P.NIRRANJANA	2018N20
P.PRIYANKA	2018N23
R. RAGAVI	2018N24
J. RAMYA	2018N25
O.S. RATHI DEVI	2018N26
K.RINOJA BEGUM	2018N28
M .SANOFER MASKUDHA BANU	2018N29
T.SIVA AMIRTHA VARSHINI	2018N32

## RESEARCH CENTRE OF HOME SCIENCE

WITH FOOD BIO-TECHNOLOGY

FATIMA COLLEGE (AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE 94<sup>th</sup> RANKING IN INDIA RANKING 2019(NIRF) BY MHRD AFFLIATED TO MADURAI KAMARAJ UN IVERSITY MADURAI

2021

This is to certify that the project has been undertaken by STUDY ON SABLA SCHEME AT MADURAI DISTRICT.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF HOME SCIENCE WITH FOOD BIO TECHNOLOGY

c. Surgalat

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI-624707.

## **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. C. PRIYALATHA, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF III HOME SCIENCE WITH FOOD BIOTECHNOLOGY

HEAD OF THE DEPARTMENT

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

## STUDY ON SABLA SCHEME AT MADURAI DISTRICT

Project report submitted in partial fulfillment of the degree of

# BACHELOR OF SCIENCE IN HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



#### **SUBMITTED**

K.S.AISHWARYA	2018N02
K.KALAISELVI	2018N16
P.NIRRANJANA	2018N20
P.PRIYANKA	2018N23
R. RAGAVI	2018N24
J. RAMYA	2018N25
O.S. RATHI DEVI	2018N26
K.RINOJA BEGUM	2018N28
M .SANOFER MASKUDHA BANU	2018N29
T.SIVA AMIRTHA VARSHINI	2018N32

## RESEARCH CENTRE OF HOME SCIENCE

WITH FOOD BIO-TECHNOLOGY

FATIMA COLLEGE (AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE 94<sup>th</sup> RANKING IN INDIA RANKING 2019(NIRF) BY MHRD AFFLIATED TO MADURAI KAMARAJ UN IVERSITY MADURAI

2021

This is to certify that the project has been undertaken by STUDY ON SABLA SCHEME AT MADURAI DISTRICT.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF HOME SCIENCE WITH FOOD BIO TECHNOLOGY

c. Surgalat

HEAD OF THE DEPARTMENT

Dr. **Vasantha** Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI-624707.

## **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. C. PRIYALATHA, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF III HOME SCIENCE WITH FOOD BIOTECHNOLOGY

HEAD OF THE DEPARTMENT

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

## STUDY ON SABLA SCHEME AT MADURAI DISTRICT

Project report submitted in partial fulfillment of the degree of

# BACHELOR OF SCIENCE IN HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



#### **SUBMITTED**

K.S.AISHWARYA	2018N02
K.KALAISELVI	2018N16
P.NIRRANJANA	2018N20
P.PRIYANKA	2018N23
R. RAGAVI	2018N24
J. RAMYA	2018N25
O.S. RATHI DEVI	2018N26
K.RINOJA BEGUM	2018N28
M .SANOFER MASKUDHA BANU	2018N29
T.SIVA AMIRTHA VARSHINI	2018N32

## RESEARCH CENTRE OF HOME SCIENCE

WITH FOOD BIO-TECHNOLOGY

FATIMA COLLEGE (AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE 94<sup>th</sup> RANKING IN INDIA RANKING 2019(NIRF) BY MHRD AFFLIATED TO MADURAI KAMARAJ UN IVERSITY MADURAI

2021

This is to certify that the project has been undertaken by STUDY ON SABLA SCHEME AT MADURAI DISTRICT.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF HOME SCIENCE WITH FOOD BIO TECHNOLOGY

C. furgalate PROJECT GUIDE

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani

Associate Professor & Head
The Research Centre of Home Science
Fatima College (Autonomous)

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI - 624 707.

## **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. C. PRIYALATHA, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF III HOME SCIENCE WITH FOOD BIOTECHNOLOGY

HEAD OF THE DEPARTMENT

Associate Professor & Head

The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

## ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Project report submitted in partial fulfilment for degree of

#### BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD BIOTECHNOLOGY



#### SUBMITTED BY,

A.ATCHAYA SURUTHI 2018N04 G.FATHIMA BADHARNISA 2018N10 M.JEYASRI 2018N15 V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

DEPARTMENT OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY
FATIMA COLLEGE (AUTONOMOUS), MADURAI.
RE-ACCREDITED WITH 'A' GRADE BY NAAC (3<sup>rd</sup> CYCLE)
74<sup>th</sup> RANK IN INDIA RANKING 2020 (NIRF) BY MHRD

## FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3rd CYCLE) 74th RANK IN INDIA RANKING 2020 (NIRF) BY MHRD MARCH-2021

#### CERTIFICATE

This is certified that the project entitled

## ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Has been undertaken by

A.ATCHAYA SURUTHI 2018N04

G.FATHIMA BADHARNISA 2018N10

**M.JEYASRI 2018N15** 

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

A: Atchayr Sevruthi Fathima Badhamisa

Jeya Kni

kokhila vani

Rothi Preetha P

Shampani. G

Bubashini.M

OF DEPARTMENT OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

Dr. V. PUNITHAVATHI, M.Se., M. Phil., Philips Assistant Professor (#4148416A) RVS Padmavathy College of Hartistitus SEMPATIT- WATER

## STUDY ON SABLA SCHEME AT MADURAI DISTRICT

Project report submitted in partial fulfillment of the degree of

# BACHELOR OF SCIENCE IN HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



## **SUBMITTED**

K.S.AISHWARYA	2018N02
K.KALAISELVI	2018N16
P.NIRRANJANA	2018N20
P.PRIYANKA	2018N23
R. RAGAVI	2018N24
J. RAMYA	2018N25
O.S. RATHI DEVI	2018N26
K.RINOJA BEGUM	2018N28
M .SANOFER MASKUDHA BANU	2018N29
T.SIVA AMIRTHA VARSHINI	2018N32

# RESEARCH CENTRE OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY

FATIMA COLLEGE (AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE 94th RANKING IN INDIA RANKING 2019(NIRF) BY MHRD AFFLIATED TO MADURAI KAMARAJ UN IVERSITY MADURAI

2021

This is to certify that the project has been undertaken by STUDY ON SABLA SCHEME AT MADURAI DISTRICT.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF HOME SCIENCE WITH FOOD BIO TECHNOLOGY

C. furgalate PROJECT GUIDE

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani

Associate Professor & Head
The Research Centre of Home Science
Fatima College (Autonomous)

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI - 624 707.

## **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. C. PRIYALATHA, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF III HOME SCIENCE WITH FOOD BIOTECHNOLOGY

HEAD OF THE DEPARTMENT

Associate Professor & Head The Research Centre of Home Science

Fatima College (Autonomous) Madurai - 625 018.

## STUDY ON SABLA SCHEME AT MADURAI DISTRICT

Project report submitted in partial fulfillment of the degree of

# BACHELOR OF SCIENCE IN HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



#### **SUBMITTED**

K.S.AISHWARYA	2018N02
K.KALAISELVI	2018N16
P.NIRRANJANA	2018N20
P.PRIYANKA	2018N23
R. RAGAVI	2018N24
J. RAMYA	2018N25
O.S. RATHI DEVI	2018N26
K.RINOJA BEGUM	2018N28
M .SANOFER MASKUDHA BANU	2018N29
T.SIVA AMIRTHA VARSHINI	2018N32

## RESEARCH CENTRE OF HOME SCIENCE

WITH FOOD BIO-TECHNOLOGY

FATIMA COLLEGE (AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE 94<sup>th</sup> RANKING IN INDIA RANKING 2019(NIRF) BY MHRD AFFLIATED TO MADURAI KAMARAJ UN IVERSITY MADURAI

2021

This is to certify that the project has been undertaken by STUDY ON SABLA SCHEME AT MADURAI DISTRICT.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M . SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF HOME SCIENCE WITH FOOD BIO TECHNOLOGY

c. Surgalat

HEAD OF THE DEPARTMENT

Dr. **Vasantha** Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI-624707.

# **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. C. PRIYALATHA, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M . SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF III HOME SCIENCE WITH FOOD BIOTECHNOLOGY

HEAD OF THE DEPARTMENT

Associate Professor & Head The Research Centre of Home Science

Fatima College (Autonomous) Madurai - 625 018.

# ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Project report submitted in partial fulfilment for degree of

### BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD BIOTECHNOLOGY



### SUBMITTED BY,

A.ATCHAYA SURUTHI 2018N04
G.FATHIMA BADHARNISA 2018N10
M.JEYASRI 2018N15
V.KOKHILA VANI 2018N17
P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

DEPARTMENT OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY
FATIMA COLLEGE (AUTONOMOUS), MADURAI.
RE-ACCREDITED WITH 'A' GRADE BY NAAC (3<sup>rd</sup> CYCLE)
74<sup>th</sup> RANK IN INDIA RANKING 2020 (NIRF) BY MHRD

# FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3rd CYCLE) 74th RANK IN INDIA RANKING 2020 (NIRF) BY MHRD MARCH-2021

## CERTIFICATE

This is certified that the project entitled

# ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Has been undertaken by

A.ATCHAYA SURUTHI 2018N04

G.FATHIMA BADHARNISA 2018N10

**M.JEYASRI 2018N15** 

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

A: Atchayr Sevruthi Fathima Badhamisa

Jeya Kni

kokhila vani

Rothi Preetha P

Shampani. G

Bubashini.M

OF DEPARTMENT OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

Dr. V. PUNITHAVATHI, M.Se., M. Phil., Philips Assistant Professor (#4148416A) RVS Padmavathy College of Hartistitus SEMPATIT- WATER

# IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC. BACHELOR OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY



# SUBMITTED BY

K. SUSHMITHA	- 2018N39
• K. PRIYA • P. SHANMUGA PRIYA	-2018N31
• A.MARIYAM	-2018N21
• J. IFRATH FAHIM	- 2018N19
S. DHARANI     THEATHM	-2018N13
P.BHAVA DHARANI     PRINCE OF THE PARTY	-2018N09
A. AISHWARTA DUA	-2018N05
<ul> <li>A. AISHWARYA DEVI</li> </ul>	-2018N03

RESEARCH CENTRE OF HOME SCIENCE WITH FOOD
BIOTECHNOLOGYGY FATIMA
COLLEGE (AUTONOMOUS)
COLLEGE WITH POTENTIAL FOR EXCELLENCE
MADURAI - 2020

# CERTIFICATE IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC PERIOD

# STUDENTS OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

- A. AISHWARYA DEVI- 2018N03
- P. BHAVA DHARANI- 2018N05
- S. DHARANI 2018N09
- J. IFRATH FAHIM 2018N13
- A. MARIYAM 2018N19
- K. PRIYA 201821
- P.SHANMUGA PRIYA- 2018N31
- K.SUSHMITHA 2018N39

PROJECT/GUIDE

Dr. S. Santhi M.Sc., M.Phil., Ph.D

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani M.Sc., M.Phil., Ph.D

Dr. Vasantha Esther Rani

Associate Professor & Head
The Research Centre of Home Science
Fatima College (Autonomous)
Madurai - 625 018.

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture

# STUDY ON SABLA SCHEME AT MADURAI DISTRICT

Project report submitted in partial fulfillment of the degree of

# BACHELOR OF SCIENCE IN HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



# **SUBMITTED**

K.S.AISHWARYA	2018N02
K.KALAISELVI	2018N16
P.NIRRANJANA	2018N20
P.PRIYANKA	2018N23
R. RAGAVI	2018N24
J. RAMYA	2018N25
O.S. RATHI DEVI	2018N26
K.RINOJA BEGUM	2018N28
M.SANOFER MASKUDHA BANU	2018N29
T.SIVA AMIRTHA VARSHINI	2018N32

# RESEARCH CENTRE OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY

FATIMA COLLEGE (AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE 94<sup>th</sup> RANKING IN INDIA RANKING 2019(NIRF) BY MHRD AFFLIATED TO MADURAI KAMARAJ UN IVERSITY MADURAI

2021

This is to certify that the project has been undertaken by STUDY ON SABLA SCHEME AT MADURAI DISTRICT.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T. SIVA AMIRTHA VARSHINI

OF HOME SCIENCE WITH FOOD BIO TECHNOLOGY

c. Surgalat

HEAD OF THE DEPARTMENT

Dr. **Vasantha** Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI-624707.

# **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. C. PRIYALATHA, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

K.S. AISHWARYA

K. KALAISELVI

P. NIRRANJANA

P. PRIYANKA

R. RAGAVI

J. RAMYA

O.S RATHI DEVI

K. RINOJA BEGUM

M. SANOFER MASKUDHA BANU

T . SIVA AMIRTHA VARSHINI

OF III HOME SCIENCE WITH FOOD BIOTECHNOLOGY

HEAD OF THE DEPARTMENT

Associate Professor & Head The Research Centre of Home Science

Fatima College (Autonomous) Madurai - 625 018.

# FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

(College with Potential for Excellence)

Re-Accredited with 'A' Grade by NAAC

Development of Nutrition education for Angemic PROJECT SUBMITTED BY Adolescente.

DEEPA SAKTHI SRI. M
DEEPIKA. B
HARINI. P
SIVANI. C
SNEHA MAGLIN. G.T
SWETHA. T
MUNIYA D#ARSHINI. M

Under the Guidance of

Mrs.C.Helen, Assistant Professor

Research Centre of Home Science

Fatima College

Madurai-18

March

2021

This is to certify that the project has been undertaken by Development Of Nutrition Education Package Adolescent Girls submitted in partial fulfillment on the requirements for the award of bachelor of science in home science with food biotechnology is a bonafide record of research work carried out by the following students

DEEPA SAKTHI SRI, M

DEEPIKA.B

HARINI. P

SIVANI.C

SNEAHA MAGLIN.G.T

SWEATHA.T

MUNIYA DARSHINLM

GUIDE

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani
Associate Protocor & Head

The Research Centre of Home Science Fatiers College (Autonomous) Madurai - 625 018

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)
RVS Padmavathy College of Horticulture
SEMPATTI-624787.

### **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Mrs.C.Helen, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

DEEPA SAKTHI SRI. M - H. Lothila! "

DEEPIKA.B - B. Dupih

HARINI.P - Toffacini

SIVANI.C \_ C.Sivoni

SNEAHA MAGLIN.G.T - G.T. Shire May SWEATHA.T - T. Swetty.

MUNIYA DARSHINI.M — 씼

Date

# FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

(College with Potential for Excellence)

Re-Accredited with 'A' Grade by NAAC

Development of Nutrition education for Angemic PROJECT SUBMITTED BY Adolescente.

> DEEPA SAKTHI SRI . M DEEPIKA . B HARINI . P SIVANI . C SNEHA MAGLIN . G.T

SWETHA.T MUNIYA DWARSHINI.M

Under the Guidance of

Mrs.C.Helen, Assistant Professor

Research Centre of Home Science

Fatima College

Madurai-18

March

2021

This is to certify that the project has been undertaken by Development Of Nutrition Education Package Adolescent Girls submitted in partial fulfillment on the requirements for the award of bachelor of science in home science with food biotechnology is a bonafide record of research work carried out by the following students

DEEPA SAKTHI SRI. M

DEEPIKA.B

HARINI. P

SIVANI.C

SNEAHA MAGLIN.G.T

SWEATHA.T

MUNIYA DARSHINLM

**GUIDE** 

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rant Associate Professor & Head The Research Centre of Home Sectiones

Fatiena College (Autonomous)
Madurai - 625 018

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)
RVS Padmavathy College of Horticulture
SEMPATTI-524787.

### **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Mrs.C.Helen, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

DEEPA SAKTHI SRI. M - H. Lothila! "

DEEPIKA.B - B. Dupih

HARINI.P - Toffari

SIVANI.C \_ C. Sivoni

SNEAHA MAGLIN.G.T -G.T. Slim Magli SWEATHA.T - T. Swetty.

MUNIYA DARSHINI.M − 人

Date

# ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Project report submitted in partial fulfilment for degree of

### BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD BIOTECHNOLOGY



### SUBMITTED BY,

A.ATCHAYA SURUTHI 2018N04
G.FATHIMA BADHARNISA 2018N10
M.JEYASRI 2018N15
V.KOKHILA VANI 2018N17
P.RATHI PREETHA 2018N27
G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

DEPARTMENT OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY
FATIMA COLLEGE (AUTONOMOUS), MADURAI.
RE-ACCREDITED WITH 'A' GRADE BY NAAC (3<sup>rd</sup> CYCLE)
74<sup>th</sup> RANK IN INDIA RANKING 2020 (NIRF) BY MHRD

# FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3rd CYCLE) 74th RANK IN INDIA RANKING 2020 (NIRF) BY MHRD MARCH-2021

## CERTIFICATE

This is certified that the project entitled

# ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Has been undertaken by

A.ATCHAYA SURUTHI 2018N04

G.FATHIMA BADHARNISA 2018N10

**M.JEYASRI 2018N15** 

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

A: Atchayr Sevruthi Fathima Badhamisa

Jeya Kni

kokhila vani

Rothi Preetha P

Shampani. G

Bubashini.M

OF DEPARTMENT OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

Dr. V. PUNITHAVATHI, M.Se., M. Phil., Philips Assistant Professor (#4148416A) RVS Padmavathy College of Hartistitula SEMPATIT - WATER

# ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Project report submitted in partial fulfilment for degree of

### BACHELOR OF SCIENCE

IN

## HOME SCIENCE WITH FOOD BIOTECHNOLOGY



### SUBMITTED BY,

A.ATCHAYA SURUTHI 2018N04
G.FATHIMA BADHARNISA 2018N10
M.JEYASRI 2018N15
V.KOKHILA VANI 2018N17
P.RATHI PREETHA 2018N27
G.SHAMPAVI 2018N30
M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

DEPARTMENT OF HOME SCIENCE WITH FOOD BIO-TECHNOLOGY FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3<sup>rd</sup> CYCLE)

74<sup>th</sup> RANK IN INDIA RANKING 2020 (NIRF) BY MHRD

# FATIMA COLLEGE (AUTONOMOUS), MADURAI.

RE-ACCREDITED WITH 'A' GRADE BY NAAC (3rd CYCLE) 74th RANK IN INDIA RANKING 2020 (NIRF) BY MHRD MARCH-2021

## CERTIFICATE

This is certified that the project entitled

# ANTIVIRAL HERBAL FACE MASK FOR COVID 19

Has been undertaken by

A.ATCHAYA SURUTHI 2018N04

G.FATHIMA BADHARNISA 2018N10

**M.JEYASRI 2018N15** 

V.KOKHILA VANI 2018N17

P.RATHI PREETHA 2018N27

G.SHAMPAVI 2018N30

M.SUBASHINI 2018N36

S.SUBASHINI 2018N37

A: Atchayr Sevruthi Fathima Badhamisa

Jeya Kni

kokhila vani

Rothi Preetha P

Shampand. G

Bubashini.M

OF DEPARTMENT OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

Dr. V. PUNITHAVATHI, M.Se., M. Phil., Philips Assistant Professor (#4148416A) RVS Padmavathy College of Hartistitus SEMPATIT - WATER

# AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG SELECTED ADOLESCENT GIRLS - A NUTRITION

# **EDUCATION STUDY**

Project report submitted in partial fulfilment of the degree of

# BACHELOR OF SCIENCE

IN

# HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



# **SUBMITTED BY**

M. ABITHA	- 2018N01
P. BHARATHI PRIYA	- 2017N09
M. DEVAYANI	- 2018N08
K. JAISY THANGAM	- 2018N14
K. KOVARTHINI	- 2018N18
V. PRIYADHARSINI	- 2018N22
M. SUBHASHINI	- 2018N38
S. SOWMIYA	- 2018N46
K. THENDRAL	- 2018N43

# THE RESEARCH CENTRE OF HOME

**SCIENCE WITH FOOD** 

**BIOTECHNOLOGY** 

# FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence
94<sup>th</sup> ranking in India ranking 2019(NIRF) by MHRD
Affiliated to Madurai Kamaraj University
Madurai 2020

This is to certify that the project entitled AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG PROJECT CIRLS has been undertaken by SYNDROME AMONG SELECTED ADOLESCENT GIRLS has been undertaken by

M. ABITHA	2010101
D Diller	-2018N01
P. BHARATHI PRIYA	-2017N09
M. DEVAYANI	-2018N08
K. JAISY THANGAM	-2018N14
K. KOVARTHINI	-2018N18
V. PRIYADHARSINI	-2018N22
M. SUBHASHINI	-2018N38
S. SOWINIYA	-2018N46
K. THENDRAL	-2018N43

III B.Sc. Home Science with Food Biotechnology

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture

SEMPATTI-624707.

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. Vasantha Esther Rani, Head of the department, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

M. ABITHA		
P BUADAMA	-	2018N01
P. BHARATHI PRIYA M. DEVAYANI	· -	2017N09
K IAISVTHANA	. <del>-</del>	2018N08
K. JAISY THANGAM	-	2018N14
K. KOVARTHINI	-	2018N18
V. PRIYADHARSINI	_	2018N22
M. SUBHASHINI	A	2018N38
	-	2018N46
K. THENDRAL	-	2018N43

III B.Sc. Home Science with Food Biotechnology

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

# IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC. BACHELOR OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY



# SUBMITTED BY

	A. AISHWARYA DEVI	-2018N03
Ī	P.BHAVA DHARANI	-2018N05
•	S. DHARANI	-2018N09
•	J. IFRATH FAHIM	-2018N13
٠	A.MARIYAM	- 2018N19
•		-2018N21
•	K. PRIYA	-2018N31
٠	P. SHANMUGA PRIYA	-2018N39
•	K SUSHMITHA	

RESEARCH CENTRE OF HOME SCIENCE WITH FOOD
BIOTECHNOLOGYGY FATIMA
COLLEGE (AUTONOMOUS)
COLLEGE WITH POTENTIAL FOR EXCELLENCE
MADURAI - 2020

# CERTIFICATE IMPACT OF ONLINE EDUCATION ON ADOLESCENCE GIRLS DURING THE PANDEMIC PERIOD

# STUDENTS OF HOME SCIENCE WITH FOOD BIOTECHNOLOGY

- A. AISHWARYA DEVI- 2018N03
- P. BHAVA DHARANI- 2018N05
- S. DHARANI 2018N09
- J. IFRATH FAHIM 2018N13
- A. MARIYAM 2018N19
- K. PRIYA 201821
- P.SHANMUGA PRIYA- 2018N31
- K.SUSHMITHA 2018N39

PROJECT GUIDE

Dr. S. Santhi M.Sc., M.Phil., Ph.D

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani M.Sc., M.Phil., Ph.D

Dr. Vasantha Esther Rani

Associate Professor & Head
The Research Centre of Home Science
Fatima College (Autonomous)
Madurai - 625 018.

EXTERNAL EXAMINER

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture

# FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

(College with Potential for Excellence)

Re-Accredited with 'A' Grade by NAAC

Development of Nutrition education for Angemic PROJECT SUBMITTED BY Adolescente.

DEEPA SAKTHI SRI . M
DEEPIKA . B
HARINI . P
SIVANI . C
SNEHA MAGLIN . G.T
SWETHA . T
MUNIYA D#ARSHINI . M

Under the Guidance of

Mrs.C.Helen, Assistant Professor

Research Centre of Home Science

Fatima College

Madurai-18

March

2021

This is to certify that the project has been undertaken by Development Of Nutrition Education Package Adolescent Girls submitted in partial fulfillment on the requirements for the award of bachelor of science in home science with food biotechnology is a bonafide record of research work carried out by the following students

DEEPA SAKTHI SRI, M

DEEPIKA.B

HARINI. P

SIVANI.C

SNEAHA MAGLIN.G.T

SWEATHA.T

MUNIYA DARSHINLM

GUIDE

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Professor & Head The Research Centre of Home Science

Fatima College (Autonomous) Madurai - 625 018

EXTERNAL EXAMINER

Dr. V. PUNITHAYATHI, M.S., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture SEMPATTI-624787.

### **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Mrs.C.Helen, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

DEEPA SAKTHI SRI. M - H. Lathela "

DEEPIKA.B - B. Dupih

HARINI.P - Toffarini

SIVANI.C \_ C. Sivoni

SNEAHA MAGLIN.G.T -G.T. Shire Magli SWEATHA.T - T. Swetty.

MUNIYA DARSHINI.M — X

Date

# AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG SELECTED ADOLESCENT GIRLS - A NUTRITION

# **EDUCATION STUDY**

Project report submitted in partial fulfilment of the degree of

# BACHELOR OF SCIENCE

IN

# HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



# **SUBMITTED BY**

M. ABITHA	- 2018N01
P. BHARATHI PRIYA	- 2017N09
M. DEVAYANI	- 2018N08
K. JAISY THANGAM	- 2018N14
K. KOVARTHINI	- 2018N18
V. PRIYADHARSINI	- 2018N22
M. SUBHASHINI	- 2018N38
S. SOWMIYA	- 2018N46
K. THENDRAL	- 2018N43

# THE RESEARCH CENTRE OF HOME

**SCIENCE WITH FOOD** 

**BIOTECHNOLOGY** 

# FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence
94<sup>th</sup> ranking in India ranking 2019(NIRF) by MHRD
Affiliated to Madurai Kamaraj University
Madurai 2020

This is to certify that the project entitled AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG PROJECT CIRLS has been undertaken by SYNDROME AMONG SELECTED ADOLESCENT GIRLS has been undertaken by

M. ABITHA	20198/01
P. DILLE	-2018N01
P. BHARATHI PRIYA	-2017N09
M. DEVAYANI	-2018N08
K. JAISY THANGAM	-2018N14
K. KOVARTHINI	-2018N18
V. PRIYADHARSINI	-2018N22
M. SUBHASHINI	-2018N38
S. SOWMIYA	-2018N/46
K. THENDRAL	-2018N43

III B.Sc. Home Science with Food Biotechnology

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension)

RVS Padmavathy College of Horticulture SEMPATTI-624707.

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. Vasantha Esther Rani, Head of the department, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

M. ABITHA P. BHARATHI PRIYA M. DEVAYANI K. JAISY THANGAM K. KOVARTHINI V. PRIYADHARSINI M. SUBHASHINI S. SOWMIYA K. THENDRAL	- - - - -	2018N01 2017N09 2018N08 2018N14 2018N18 2018N22 2018N38 2018N46 2018N43
------------------------------------------------------------------------------------------------------------------------------	-----------------------	-------------------------------------------------------------------------------------------------

III B.Sc. Home Science with Food Biotechnology

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

# AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG SELECTED ADOLESCENT GIRLS - A NUTRITION

# **EDUCATION STUDY**

Project report submitted in partial fulfilment of the degree of

# BACHELOR OF SCIENCE

IN

# HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



# **SUBMITTED BY**

M. ABITHA	- 2018N01
P. BHARATHI PRIYA	- 2017N09
M. DEVAYANI	- 2018N08
K. JAISY THANGAM	- 2018N14
K. KOVARTHINI	- 2018N18
V. PRIYADHARSINI	- 2018N22
M. SUBHASHINI	- 2018N38
S. SOWMIYA	- 2018N46
K. THENDRAL	- 2018N43

# THE RESEARCH CENTRE OF HOME

**SCIENCE WITH FOOD** 

**BIOTECHNOLOGY** 

# FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence
94<sup>th</sup> ranking in India ranking 2019(NIRF) by MHRD
Affiliated to Madurai Kamaraj University
Madurai 2020

This is to certify that the project entitled AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG PROJECT CIRLS has been undertaken by SYNDROME AMONG SELECTED ADOLESCENT GIRLS has been undertaken by

M. ABITHA	2010101
P DILAB -	-2018N01
P. BHARATHI PRIYA	-2017N09
M. DEVAYANI	-2018N08
K. JAISY THANGAM	-2018N14
K. KOVARTHINI	-2018N18
V. PRIYADHARSINI	-2018N22
M. SUBHASHINI	-2018N38
S. SOWMIYA	-2018N46
HIENDRAL	-2018N43

III B.Sc. Home Science with Food Biotechnology

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,

Assistant Professor (Extension) RVS Padmavathy College of Horticulture SEMPATTI-624707.

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. Vasantha Esther Rani, Head of the department, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

M. ABITHA		
P. BHADATHI PT	-	2018N01
P. BHARATHI PRIYA M. DEVAYANI	-	2017N09
K. JAISY THANGAM		2018N08
K. KOVARTHINI	-	2018N14
V. PRIYADHARSINI	-	2018N18
M. SUBHASHINI	-	2018N22
W. SOBHASHINI	_	2018N38
S. SOWMIYA	-	2018N46
TENDRAL	-	2018N43

III B.Sc. Home Science with Food Biotechnology

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

# AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG SELECTED ADOLESCENT GIRLS - A NUTRITION

# **EDUCATION STUDY**

Project report submitted in partial fulfilment of the degree of

# BACHELOR OF SCIENCE

IN

# HOME SCIENCE WITH FOOD-BIOTECHNOLOGY



# **SUBMITTED BY**

M. ABITHA	- 2018N01
P. BHARATHI PRIYA	- 2017N09
M. DEVAYANI	- 2018N08
K. JAISY THANGAM	- 2018N14
K. KOVARTHINI	- 2018N18
V. PRIYADHARSINI	- 2018N22
M. SUBHASHINI	- 2018N38
S. SOWMIYA	- 2018N46
K. THENDRAL	- 2018N43

# THE RESEARCH CENTRE OF HOME

**SCIENCE WITH FOOD** 

**BIOTECHNOLOGY** 

# FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence
94<sup>th</sup> ranking in India ranking 2019(NIRF) by MHRD
Affiliated to Madurai Kamaraj University
Madurai 2020

This is to certify that the project entitled AWARENESS OF POLYCYSTIC OVARIAN SYNDROME AMONG PROJECT CIRLS has been undertaken by SYNDROME AMONG SELECTED ADOLESCENT GIRLS has been undertaken by

M. ABITHA	-2018N01
P. BHARATHI PRIYA	-2017N09
W. DEVAYANI	-2018N08
K. JAISY THANGAM	-2018N14
K. KOVARTHINI	-2018N18
V. PRIYADHARSINI	-2018N22
M. SUBHASHINI	-2018N38
S. SOWMIYA	-2018N46
K. THENDRAL	-2018N43

III B.Sc. Home Science with Food Biotechnology

Dr. Vasantha Esther Rani

Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous) Madurai - 625 018.

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D., Assistant Professor (Extension) RVS Padmavathy College of Horticulture SEMPATTI-624707.

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Dr. Vasantha Esther Rani, Head of the department, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

M. ABITHA		20108101
P. BHARATHI PRIYA	· -	2017N09
K. JAISY THANGAM		2018N08
K. KOVARTHINI V. PRIYADHARSINI M. SUBHASHINI	-	2018N14
	-	2018N18
	-	2018N22
S. SOWMIYA	-	2018N38
K. THENDRAL	-	2018N46
THENDRAL	-	2018N43

III B.Sc. Home Science with Food Biotechnology

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rani Associate Professor & Head The Research Centre of Home Science Fatima College (Autonomous)

Madurai - 625 018.

# FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

(College with Potential for Excellence)

Re-Accredited with 'A' Grade by NAAC

Development of Nutrition education for Angemic PROJECT SUBMITTED BY Adolescente.

DEEPA SAKTHI SRI. M
DEEPIKA. B
HARINI. P
SIVANI. C
SNEHA MAGLIN. G.T
SWETHA. T
MUNIYA DMARSHINI. M

Under the Guidance of

Mrs.C.Helen, Assistant Professor

Research Centre of Home Science

Fatima College

Madurai-18

March

2021

This is to certify that the project has been undertaken by Development Of Nutrition Education Package Adolescent Girls submitted in partial fulfillment on the requirements for the award of bachelor of science in home science with food biotechnology is a bonafide record of research work carried out by the following students

DEEPA SAKTHI SRI. M

DEEPIKA.B

HARINI. P

SIVANI.C

SNEAHA MAGLIN.G.T

SWEATHA.T

MUNIYA DARSHINLM

**GUIDE** 

HEAD OF THE DEPARTMENT

Dr. Vasantha Esther Rant Associate Professor & Head The Research Centre of Home Sectiones

Fateria College (Autonomous) Madurai - 625 018

**EXTERNAL EXAMINER** 

Dr. V. PUNITHAVATHI, M.Sc., M.Phil., Ph.D.,
Assistant Professor (Extension)
RVS Padmavathy College of Horticulture
SEMPATTI-624787.

### **DECLARATION**

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Mrs.C.Helen, M.Sc., M.Phil., Ph.D., Assistant Professor, Research centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

DEEPA SAKTHI SRI. M - H. frethilm! "

DEEPIKA.B - B. Dupih

HARINI.P - Toffarini

SIVANI.C \_ C. Sivoni

SNEAHA MAGLIN.G.T -G.T. Slin Mag SWEATHA.T - T. Swetty.

MUNIYA DARSHINI.M

Date