





### Aishwarya. B

Ethiraj College for women

Is presented with this certificate on successful completion of

### Biomedical Internship

Under the guidelines and norms of the program structure conducted during for

### 15 Days

Attendee met all certification requirements and Successful performance on the required competence examination.

Certificate ID: KA-46mty

Grade: A

PRINCIPAL

ETHIRAJ COLLEGE FOR WOMEN

(AUTONOMOUS) CHENNAI-600 008

Venkatesan Prabu.) Microsoft MVP

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Y

Dr. K. Krishna Prema Ph.D.,
Associate Professor and Head
Department of Microbiology
Ethirai College for Women
Chennai - 600 008



# INTERNSHIP TRAINING CERTIFICATE

This is to certify that AISHWARYA.B

successfully completed her Online internship training program on M.Sc Applied Microbiology, Ethiraj College for Women has

"TOOLS AND TECHNIQUES FOR LIFE SCIENCE STUDENTS"

from 16.08.2021 to 25.08.2021.

# **Topics Covered**

Live Lab Sessions: 1.Basics of Mammalian Cell culture Technique

2. Application of RT-PCR in covid 19 detection

 Agarose Gel Electrophoresis & SDS PAGE Electrophoresis

Lecture Class: 1. 3-D Bioprinting Technology-A Boon to Healthcare Sector

NGS: basics, technology and its applications

Preclinical Toxicity Studies-Tool of Drug Discovery

4. Biostatistics-SPSS for Data Analysis

Regenerative Medicine Innovation of the Century

Molecular Markers-Scope and Applications

Total 15 hrs - 9 hrs - 3 lab sessions 6 hrs- lecture

Dr CSHEELA SASIKUMAR
DIRECTOR- CLINICAL RESEARCH

Musiposses

PRINCIPAL
ETHIRAJ COLLEGE FOR WOMEN
(AUTONOMOUS)
CHENNAI-600 008.

Social Depart

Sociate Profess
Department of



# Centre for Science & Technology





# This is to certify that

MS. ANUSHA B No. BH15429

Reg. Identity no AADHAAR NO: 4674 4759

5

days "Online internship on RESEARCH has successfully completed ASSOCIATE ROLE IN LIFE SCIENCES

(MICROBIOLOGY AND FERMENTATION TECHNOLOGY)"

and Technology, Chennai, conducted by BioLim Centre for Science 07-08-2021 0 05-09-2021 TN, India from

ON-TIME COMPLETION IMPLEMENTATION EFFORTS ONLINE TASKS ATTENDANCE & PARTICIPATION: 80.7 Z UN. 5

ONLINE VIVA

45.5

78.1

CD

GRADE OBTAINED TOTAL MARKS (IN %)

STATUS

Q S

ETHIRAJ COLLEGE FOR WOMEN (AUTONOMOUS) CHENNAL-600 008. PRINCIPAL

DIRECTOR

organisation of A member

India Ltd (BCIL) Biotech Consortium



S-Outstanding: www.biolim.org/do/verify e-certificate can be verified in the weblink

A-Very good:

C-Satisfactory: B-Good:

**D**-Sufficient: E-Not-sufficient:

U-Unifair.

OUT OF 15 OUT OF 20

OUT OF 15 OUT OF 50

OUT OF 100





Tel: +91 9952 11 21 31; Mail: info@biolim.org; Web : http://www.biolim.org #159/385, Phase 1, Korour High Road, Ayanavaram, Chennal 600023

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# FOOD SAFETY AND ANALYTICAL MICROBIOLOGY

05-21, July 2021

# **★ CERTIFICATE ★**

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1	1110	1.)	10	( (11	111	citati

Asha S, M. Sc Mrorobrology from Ethraj College for Women

has successfully completed the 15 day Certificate course/Internship (online mode) on

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research.

Eachanari, Coimbatore - 21, Tamilnadu, India, from 5th to 21st July 2021.

(AUTONOMOLS) e of issue: 22/07/2021

Kagunathan Director

ors: Visalakshi Educational Trust



Certificate ID: QRHQK8-CE002957

### Internship Training Certificate

This is to certify that Ms.U.DhanashreeDepartment ofMicrobiology, Ethiraj college for women, Chennai-600073for successfully completed the internship training program on "Animal cell culture and Drug Discovery" organized by VJ Biotech between 09/08/2021 and 31/08/2021.

PRINCIPAL
ETHIRAJ COLLEGE FOR WOMEN

ETHIRAJ COLLEGE FOR WOMEN
(AUTONOMOUS)

Dr. S. Vijayakumar Course Organizer Dr. S. Suganya Managing Director



(Affiliated to Bharathiar University, CBE)

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## FOOD SAFETY AND ANALYTICAL MICROBIOLOGY



05-21, July 2021

# **★ CERTIFICATE ★**

This is to certify that

H. Dhrya Bharathi from Ethiraj Collège for women

has successfully completed the 15 day Certificate course/Internship (online mode) on

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research,

Eachanari, Coimbatore - 21, Tamilnadu, India, from 5th to 21th July 2021.

Ragunathan

(AUTONOMOUS) CHENNAI-600 008 Date of issue: 22/07/2021

Director

Sponsors: Visalakshi Educational Trust

(Affiliated to Bharathiar University, CBE) ISO 9001: 2015 Certified



## FOOD SAFETY AND ANALYTICAL MICROBIOLOGY



05-21, July 2021

# ★ CERTIFICATE ★

This is to certify that

Gunasnee R. from

Ethinaj College for Women

has successfully completed the 15 day Certificate course/Internship (online mode) on

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research,

Eachanari, Coimbatore - 21, Tamilnadu, India, from 5th to 21" July 2021.

Director

Date of issue: 22/07/2021

Sponsors: Visalakshi Educational Trust

R. Nagarathinam





### Harini. S

Ethiraj college for women, Egmore, Chennal

Is presented with this certificate on successful completion of

### Biomedical Internship

Under the guidelines and norms of the program structure conducted during for

### 15 Days

Attendee met all certification requirements and Successful performance on the required competence examination.

Certificate ID: KA-tQNRB

Grade: A

Treese Property

ETHIRAJ COLLEGE FOR WOMEN
(AUTONOMONE)

Venkatesan Prabu.J Microsoft MVP

Professor and Head finent of Microbiology thiraj College for Women Chennai - 600 008

The Certificate ID Can be Verified at www.kaashiv.com/verify

(Affiliated to Bharathiar University, CBE)

ISO 9001: 2015 Certified

# FOOD SAFETY AND ANALYTICAL MICROBIOLOGY

05-21, July 2021

# **★ CERTIFICATE ★**

This is to certify i	that			
100000000000000000000000000000000000000	************	FLAG	RIPRIS	YA. I, und Msc Applied Miurbiology from
2.1		College		

has successfully completed the 15 day Certificate course/Internship (online mode) on

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research,

Eachanari, Coimbatore - 21, Tamilnadu, India, from 5th to 21th July 2021.

CHENNAI-600 008 Date of issue: 22/07/2021

Director

Sponsors: Visalakshi Educational Trust

R. Nagarathinam



CENTRE FOR BIOSCIENCE AND NANOSCIENCE RESEARCH

(ISO 9001: 2015 Certified)

(Affiliated to Bharathiar University)

&

KARPAGAM ACADEMY OF HIGHER EDUCATION (Deemed to be University)



# Pertificate of Participation

This is to certify that Mr.Ms.Dr. J. Jemima Jancy

has successfully completed the 10 days International online Internship cum Certificate course on "Techniques in Molecular Diagnostics (TMD)" jointly organised by Centre for Bioscience and Nanoscience Research (CBNR) and Karpagam Academy of Higher Education (Deemed to be University) Forbinari, Colmbatore, Tamil Nadu, India, from 02/10/2021 to 23/10/2021.

Director, (CBNR)

Ev. Wrishna Prema
Associate Professor and Head
Microbiology

PRINCIPAL

ETHIRAJ COLLEGE FOR WO

(AUTONOMOUS)

TO HENNAL-600 008

Dr. M. PALANISWAMY Registrar, (KAHE)



# Nextgenhelper



E-CERTIFICATE OF PARTICIPATION

This is to certify that

### Kavitha Muthu

from Ethiraj college for women, Chennai, India has participated in the two month internship in the area of "Bioinformatics, Genomics, Machine learning, and Big data analysis" organised by Nextgenhelper, New Delhi from May 01 to June 30, 2021. We gratefully acknowledges his/her contribution to the success of this two months long internship.

PRINCIPAL
ETHIRA, COLLEGE FOR WOMEN
UTONOMOUS)
CHENNAI-609,908-30, 2021

**Date and Place** 



Marta Gardaz

Dr. Mamta Gautam, PhD

(Affiliated to Bharathiar University, CBE)

ISO 9001: 2015 Certified



# FOOD SAFETY AND ANALYTICAL MICROBIOLOGY



05-21, July 2021

# **★ CERTIFICATE ★**

This is to certify that

S. Madhumala

Ethiray college for Women (Autonomous)

has successfully completed the 15 day Certificate course/Internship (online mode) on

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research,

Eachanari, Coimbatore - 21, Tamilnadu, India, from 5th to 21th July 2021.

Rugunathan

Director



R. Nagarathinam

(Affiliated to Bharathiar University, CBE)

ISO 9001: 2015 Certified



Director

# FOOD SAFETY AND ANALYTICAL MICROBIOLOGY



Chairman

05-21, July 2021

# \* CERTIFICATE \*

	This is to certify that
	Minthula Shini J. iind y4. M.Sc Applied Michobiology from
	Ethinaj College fon Women.
	has successfully completed the 15 day Certificate course/Internship (online mode) on
	"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research,
	Eachanari, Coimbatore - 21, Tamilnadu, India, from 5th to 21th July 2021.
	Dr. K. Krishna Prema Pl D (AUTONOMEN
100	Dr. R. Ragunathan  Associate Professor and Head  Department of Microbiology  Ethiraj Collegator Worner: 22/07/2021  R. Nagarathinam



# INTERNSHIP TRAINING CERTIFICATE

This is to certify that **MONICA SINGH** 

successfully completed her Online internship training program on M.Sc Applied Microbiology, Ethiraj College for Women has

TOOLS AND TECHNIQUES FOR LIFE SCHENCE STUDENTS.

from 16.08.2021 to 25.08.2021.

# **Topics Covered**

Live Lub Sessions: 1.Basics of Mammalian Cell culture Technique

- Application of RT- PCR in covid 19 detection
- 3. Agarose Gel Electrophoresis & SDS PAGE

Lecture Class: 1. 3-D Bioprinting Technology-A Boon to Healthcare Sector Electrophoresis

- NGS: basics, technology and its applications
- Preclinical Toxicity Studies-Tool of Drug Discovery
- 4. Biostatistics-SPSS for Data Analysis
- Regenerative Medicine Innovation of the Century
   Molecular Markers-Scope and Applications

Total 15 hrs - 9 hrs - 3 lab sessions 6 hrs- lecture

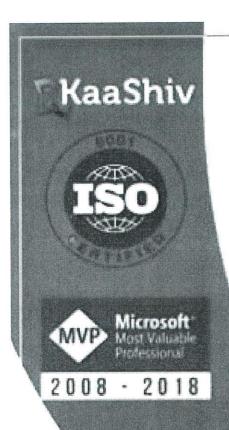
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DIRECTOR- CLINICAL RESEARCH

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PRINCIPAL
ETHIRAJ COLLEGE FOR WOMEN
(AUTONOMOUS)
CHENNAI-600 008.

Associate Professor and Head Department of Microbiology
Ethiraj College for Woman
Chennai - 600 008





Monika.S.D

Ethiraj College for Women

Is presented with this certificate on successful completion of

Biomedical Internship

Under the guidelines and norms of the program structure conducted during for

15 Days

Attendee met all certification requirements and Successful performance on the required competence examination.

Certificate ID: KA-aHf48

Grade: A

PRINCIPAL ETHIRAJ COLLEGE FOR WOMEN

(AUTONOMOUS)

Venkatesan Prabu.J Microsoft MVP

Part A Comment

(Affiliated to Bharathiar University, CBE)
ISO 9001: 2015 Certified



# FOOD SAFETY AND ANALYTICAL MICROBIOLOGY



05-21, July 2021

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A. Nivedha, jind yn. M.Sc. Microbiology from	Activities and activities activities and activities activities and activities activities and activities activities activities activities activities activities and activities
Ethiraj College fon Wonjen.  has successfully completed the 15 day Certificate course/Internation (1)	Acquirem Williams projections
has successfully completed the 15 day Certificate course/Internship (online mode) on	Onnine profession and the second
"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research,  Eachanari, Coimbatore - 21, Tamilnadu, India, from 5th to 21" July 2021.	A STREET STATE OF THE STATE OF
Eachanari, Coimbatore - 21, Tamilnadu, India, from 5th to 21st July 2021.	4
PRINCIF	PA

Dr. R. Ragunathan Director

Associate Professor and Head

Associate Professor 22/07/2021

Department Office Workship Educational Trus

PRINCIPAL
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R. Nagarathinam
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AUTONOMOUS
CHENNAI-600 008

(Affiliated to Bharathiar University, CBE)

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# FOOD SAFETY AND ANALYTICAL MICROBIOLOGY



05-21, July 2021



This is to certify that			
PRIS	YANKA SUTHAR , U	d Msc Applied Micr	biology from
Ellivaj Gol	lege for women.		
•	•		
has successfully completed	the 15 day Certificat	e course/Internship	(online mode) <b>on</b>
"Food Safety and Analytical Mic Eachanari, Coimbatore - 21 Tami	erobiology" Organized by	Centre for Bioscience and l	Nanoscience Research,
Eachanari, Coimbatore - 21, Tami	ilnadu. India.  from 5 <sup>th</sup> to 21	" July 2021.	. Mudjouria
	Imaau, Inala, Jrom 5 10 21  Dr. K. K. Associa	michael Promo at a gare 1	/ PRINCIPAL
^	Associa	te Professor and Head	, ETHARAJ COLLEGE FO

Ragunathan

Director

Sponsors: Visalakshi Educational Trust

R. Nagarathinam

(Affiliated to Bharathiar University, CBE)

ISO 9001: 2015 Certified



05-21, July 2021





This to get that

M. RACHAVI. Dependment of Mindishay from

Elliraj College du varamen.

has successfully completed the 15 day Certificate course/Internship (online mode) on

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research.

Eachanari. Combatore - 21. Tamilnadu, India, from 5" to 21" July 2021.

O. R. Ragunauhan

Director

Dr. K. Krishna Prema Ph.D. Associate Professor and Head Department of Microbiology

Data of Ribina College for 11 Chepnai - 600 008

Sportsons, Visitatohi Educational Trust



ETHIRAJ COLLEGE FOR WOMEN
(AUTONOMOUS)
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(Affiliated to Bharathiar University, CBE)

ISO 9001: 2015 Certified



# FUOD SAFETY AND ANALYTICAL MICROBI

05-21, July 2021



This is to certify that

MS. Safana Fathina. indyn. Msc. Microbiology. Ethiraj College for women.

from

has successfully completed the 15 day Certificate course/Internship (anline made) an

"Food Sufety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research,

Eachanari, Coimbature - 21, Tamilnudu, India, from 5" to 21" July 2021.

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EGE FOR WOMEN



(Affiliated to Bharathiar University, CBE)

ISO 9001: 2015 Certified



# FOOD SAFETY AND ANALYTICAL MICROBIOLOGY

05-21, July 2021



This is to certify that

S. Sanyaktha

from

has successfully completed the 15 day Certificate course/Internship (online mode) an

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research.

Eachanari, Coimbatore - 21, Tamilnadu, India, from 5th to 21th July 2021,

Or. R. Ragunathan

Director

Dr. K. Krishna Prema Ph.D. Associate Professor and Head

Date of Issue: 22/07/2021

Sportson: Vigulation Educatoral Trust

PRINCIPA ETHIRAJ COLLEGE FOR WOMEN (AUTONOMO IS)

CHENNAL-600 00

(Affiliated to Bharathiar University, CBE)
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# FOOD SAFETY AND ANALYTICAL MICROBIOLOGY



05-21, July 2021



This is to certify that

SANGHEETHA D. Msc Applied Microbiology from

Elhiraj College for Women.

has successfully completed the 15 day Certificate course/Internship (online mode) on

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research,

Eachanari, Coimbatore - 21, Tamilnadu, India, from 5th to 21' July 2021.

Dr. R. Kagimathan

Director

Dr. K. Krishna Prema Ph.D. Associate Professor and Head

Date of issue: 122/07/2021

Sponsors : Visalakshi Educational Trust

ETHIRAJ COLLEGE FOR WOME (AUTONOMOUS)

R. Nagarathinam



Certificate ID: QRHQK8-CE002956

### Internship Training Certificate

This is to certify that Ms Sarumathy B (M.Sc), Department of Microbiology,

Ethiraj college for women, Chennai-600073 for successfully completeing the

internship training program on "Animal cell culture and Drug Discovery"

organized by VJ Biotech between 09/08/2021 and 31/08/2021.

Dr. S. Vijayakumar Course Organizer Dr. K. Krishna Prema Ph.D.,
Associate Professor and Head
Department of Microbiology
Bithiraj College for Women

Dr. S. Suganya Managing Director PRINCIPAL
ETHIRAJ COLLEGE FOR WOMEN
(AUTONOMOUS)
CHENNAI-600 008

(Affiliated to Bharathiar University, CBE)

ISO 9001: 2015 Certified



# FOOD SAFETY AND ANALYTICAL MICROBIOLOGY

05-21, July 2021



This is to certify that

Shruthi M. M.sc Microbiology Ethiraj College for Women

fruit

has successfully completed the 15 day Certificate course/Internship (online mode) on

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research,

Eachanari, Caimbatore - 21, Tamilnada, India, from 5" to 21" July 2021.

PRINCIPA

ETHIRAJ COLLEGE FOR WOMEN

CHENNAL-600 008.

t, Nagarkihinam

Chairman

Or. R. Kagunathan

Director

Ethiral Consultation Transport

(Affiliated to Bharathiar University, CBE)

ISO 9001: 2015 Certified



### FOOD SAFETY AND ANALYTICAL MICROBIOLOGY

05-21, July 2021



This is to certify that

1133111

M. Soundariya Ethiraj College For Women

has successfully completed the 15 day Certificate course/Internship (online mode) on

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Nanoscience Research.

Eachanari, Colmbatore - 21. Tamilhadu, India, from 5" to 21" July 2021.

Chemmuthan

Director

Nagarathina CHENNAL-GOD

Chaurman

(Affiliated to Bharathiar University, CBE)
ISO 9001 : 2015 Certified



# FOOD SAFETY AND ANALYTICAL MICROBIOLOGY



05-21, July 2021

# \* CERTIFICATE \*

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This is to certify that	Snathy	· V ,	Msc App	Irecl	Memobio	1094	from
Ethinai	college	for	Wome	n	*************************	JI	
has successfully	0						
"Food Safety and A	nalytical Microbi	ology" Or	ganized by Ce.	ntre for .	Bioscience and N		<i>A</i> 1 4
Eachanari, Coimbata	ore - 21. Tamilnadi	ı, India, fr	om 5 to 21" J	uly 2021	- X	1	S. Musy

Br. R. Ragunathan

Director

Associate Professor and Head Department of Microbiology Ethirai College for Women Chennai - 600 008

Date of issue: 22/07/2021

Sponsors: Visalakshi Educational Trust

R. Nayore (AUTONON

R. Nagarathinam CHENN



### Certificate ID: QRHQK8-CE002958

### Internship Training Certificate

This is to certify that Ms. Swetha. R Department of Microbiology, Ethiraj college for women. Chennai-600073 for successfully completed the internship training program on "Animal cell culture and Drug Discovery" organized by VJ Biotech

between 09/08/2021 and 31/08/2021.

PRINCIPAL

ETHIRAJ COLLEGE FOR WOMEN

(AUTONOMOUS) CHENNAI-600 008

Department of Microbias S Ethira College for Women Ethira College for Women

Dr. S. Vijayakumar Course Organizer

Dr. S. Suganya Managing Director

Made for free with Certify'em

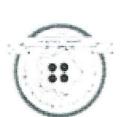
(Affiliated to Bharathiar University, CBE)

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Ething college for wonen B Vanshini , Depantment of Michobiology.

has successfully completed the 15 day Certificate coursellnternship contine modes on

"Food Safety and Analytical Microbiology" Organized by Centre for Bioscience and Vanoscience Research.

Associate Professor and

estal service tibe Westingely (Session)?

CHENNAI-600 008. ETHIRAL COLLEGE FOR WOMEN OF ISSUE: 11/07/1011 (SUOMONOTUA) martinaria A. A.

Eachanari, Coimbatoire - 24, Tamilnadu, India, from 5" to 21" July 2021.

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