

P G & RESEARCH DEPARTMENT OF HISTORY
PACHAIYAPPA'S COLLEGE

CHENNAI – 600 030, Tamil Nadu.



In Collaboration with



P G & RESEARCH DEPARTMENT OF HISTORY
C. ABDUL HAKEEM COLLEGE

[AUTONOMOUS]

MELVISHARAM – 632 509, Tamil Nadu.

CERTIFICATE OF PARTICIPATION

This is to certify that

PRABAVATHY D

Assistant professor

Sathyabama institute of science and technology

has participated and completed successfully Seven Days Online National Level Faculty Development Programme on "**Technology Development in Efficient Teaching Methods**" from 23rd June to 29th June 2021.

Dr. R. SRIJAYANTHI
Principal i/c
Pachaiyappa's College

Dr. S. A. SAJID
Principal
C. Abdul Hakeem College

Dr. M. P. MOHAMED FAROOK
Head of the Department
C. Abdul Hakeem College

Dr. R. SARAVANAN
Convenor & Head
Pachaiyappa's College

Dr. P. KUMARAN
Organizing Secretary
C. Abdul Hakeem College



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that **Dr. Prabavathy D** from **Sathyabama Institute of Science and Technology, Chennai** has participated and successfully completed the **Part 1** of the **online UHV Refresher 1 FDP** organized by **All India Council for Technical Education(AICTE)** from **7th February, 2022** to **11th February, 2022**.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that **Dr. R.Thyagarajan** from **Sathyabama Institute of Science and Technology, Chennai** has participated and successfully completed the **5-day online FDP** on the theme **“Inculcating Universal Human Values in Technical Education”** organized by **All India Council for Technical Education(AICTE)** from **12 July, 2021 to 16 July, 2021.**

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

CERTIFICATE OF CONTINUING PROFESSIONAL DEVELOPMENT

The CPD Certification Service
certifies that

Sudha S

the above named has participated
in the following CPD activity

International Applied Microbiology Online Conference

CPD Provider Organisation

Society for Applied Microbiology

An initiative to increase standards of CPD
provision to professionals in relevant market
sectors.



Date of CPD Activity: 7-11 July 2021

No. CPD Hours / Points: 3 hours

P G & RESEARCH DEPARTMENT OF HISTORY
PACHAIYAPPA'S COLLEGE

CHENNAI – 600 030, Tamil Nadu.



In Collaboration with



P G & RESEARCH DEPARTMENT OF HISTORY
C. ABDUL HAKEEM COLLEGE

[AUTONOMOUS]

MELVISHARAM – 632 509, Tamil Nadu.

CERTIFICATE OF PARTICIPATION

This is to certify that

S SUDHA

Assistant professor

Sathyabama institute of science and technology

has participated and completed successfully Seven Days Online National Level Faculty Development Programme on **"Technology Development in Efficient Teaching Methods"** from 23rd June to 29th June 2021.

Dr. R. SRIJAYANTHI
Principal i/c
Pachaiyappa's College

Dr. S. A. SAJID
Principal
C. Abdul Hakeem College

Dr. M. P. MOHAMED FAROOK
Head of the Department
C. Abdul Hakeem College

Dr. R. SARAVANAN
Convenor & Head
Pachaiyappa's College

Dr. P. KUMARAN
Organizing Secretary
C. Abdul Hakeem College



सत्यमेव जयते
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

एम0एस0एम0ई0 - तकनीकी विकास केन्द्र

Ministry of Micro, Small & Medium Enterprises

सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय

Government of India Organization

भारत सरकार की संस्था

Foundry Nagar, Agra-282 006 (U.P.)

फाउन्ड्री नगर, आगरा-282 006 (उ0प्र0)

प्रमाण पत्र

Certificate

This is to certify that

MR. M.MASILAMANI SELVAM

has successfully completed online

Entrepreneurship Development Program

on

FOOD PROCESSING

from 26.07.2021 to 30.07.2021

DATE : August 2, 2021
PLACE : AGRA




R.PANNEERSELVAM
PRINCIPAL DIRECTOR

No. PPDC/Trg./OSP/2021-22/8910



Children's Education Society (REGD.)

The Oxford College of Engineering

(Approved by AICTE, New Delhi, Accredited by NAAC & NBA, New Delhi, Affiliated to VTU, Belgaum)
Bommanahalli, Hosur Road, Bengaluru – 560068.

Department of Biotechnology

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Dr. M.Masilamani Selvam

has participated in
AICTE Sponsored One Week Short Term Technical Program on
“Startup Driven Bioinnovation and IOT for Sustainable Agritech”
From 23rd August to 28th August 2021.

Dr.B.K.Manjunath,
Convener, Professor & Head,
Department of Biotechnology.



Dr.N.Kannan,
Principal,
The Oxford College of Engineering.



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Prof. Valli Nachiyar Syam Kumar from Sathyabama Institute of Science and Technology, Chennai has participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 14th March, 2022 to 18th March, 2022.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

No: ATAL/2022/1643082673



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **jayashree**, **Assistant Professor** of **Sathyabama Institute of Science and Technology** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Applications of CRISPR-Cas Gene Editing Tool**" from **07/02/2022** to **11/02/2022** at **Maulana Abul Kalam Azad University of Technology, West Bengal**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator

ANNUAL REFRESHER PROGRAMME IN TEACHING (ARPIT) - 2021

NTA SCORE CARD

Enrollment ID	ARP20AP22233773498	Application No.	210710011772	
Roll No.	TN01010132	Learner Type	Faculty learner	
Candidate's Name	DR.S.SUDHA			
Mother's Name	PADMAVATHY			
Father's Name	SUYAMBU			
Category	GENERAL	Person with Disability(PwD)	NO	
Gender	FEMALE	Date of Birth	19-05-1980	

Score	
Course Code	arp20-ap22
Course Name	Pedagogical Innovations And Research Methodology (Interdisciplinary)
Maximum Marks	100
Marks Obtained	85
Marks Obtained in words	Eighty Five Only

Dated : 13/10/2021


Senior Director, NTA

Important Instructions

1. Result has been prepared based on the information provided by the candidates in their Online Application Form. The information submitted by candidates is subject to verification by admitting authorities.
2. Candidates if found submitting incorrect information, will be considered as using unfair means and their candidature will be forfeited.
3. Candidates must preserve this Score Card and Confirmation Page till the corresponding processes is/are complete.

No:ATAL/2021/1626346402



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that **Prabavathy D, Assistant Professor** of **Sathyabama institute of Science and Technology** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Strategies and Outcomes to Enhance sustainable Green Environment**" from **2021-7-19** to **2021-7-23** at **University College of Engineering (BIT Campus) Tiruchirappalli - 620 024**.

Adviser-I, ATAL Academy



Coordinator



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Prabavathy D, Assistant Professor** of **Sathyabama institute of Science and Technology** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Genome Engineering for Environment**" from **23/08/2021** to **27/08/2021** at **Indian Institute of Technology Guwahati**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator

No: ATAL/2022/1642340412



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Prabavathy D, Assistant Professor** of **Sathyabama institute of Science and Technology** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**National FDP on Genome Engineering technology**" from **17/01/2022** to **21/01/2022** at **Central University of Kerala**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **R.Thyagarajan, Assistant Professor** of **Sathyabama Institute of Science and Technology** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "Gene and Genome Technology for Biologists"** from **22/11/2021 to 26/11/2021** at **Bihar Animal Sciences University**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **S.Usha Nandhini**, Assistant Professor of **Sathyabama institute of science and technology** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**FERMENTATION TECHNOLOGY & BIOCHEMICAL ENGINEERING**" from **02/08/2021** to **06/08/2021** at **JEPPIAAR ENGINEERING COLLEGE**.

Advisor-I, ATAL Academy
Dr. Mamta Rani Agarwal



Coordinator

No:ATAL/2021/1623242680



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that **JAYSHREE NELLORE**, **Professor** of **sathyabama** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Technological advancement and manufacturing of Biosimilars for Cancer therapy: Present hurdles and Future prospects**" from **2021-06-21** to **2021-06-25** at **National Institute of Pharmaceutical Education and Research, Hajipur**.

Director ATAL Academies



Coordinator



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Valli Nachiyar Syam Kumar**, **Professor** of **sathyabama university** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Biowaste to Bioenergy: A future sustainable energy source**" from **14/12/2021** to **18/12/2021** at **Motilal Nehru National institute of Technology Allahabad, Prayagraj**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Valli Nachiyar Syam Kumar**, Professor of **sathyabama university** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**FERMENTATION TECHNOLOGY & BIOCHEMICAL ENGINEERING**" from **02/08/2021** to **06/08/2021** at **JEPPIAAR ENGINEERING COLLEGE**.

Advisor-I, ATAL Academy
Dr. Mamta Rani Agarwal



Coordinator



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Valli Nachiyar Syam Kumar**, Professor of **sathyabama university** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Advanced FDP** on "**Polymer Matrix based Nanostructures for Targeted Drug Delivery Application**" from **07/02/2022** to **11/02/2022** at **CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING AND TECHNOLOGY (CIPET) : CSTS GUWAHATI**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Valli Nachiyar Syam Kumar**, Professor of **sathyabama university** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Rhizospheric engineering: Revisiting the Microbe-Plant Synergy to Mitigate Plant Nano Toxicology**" from **24/01/2022** to **28/01/2022** at **Motilal Nehru National Institute of Technology Allahabad**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Prof. Shivesh Sharma
Principal Coordinator
Coordinator



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **sudha S, Assistant Professor** of **sathyabama institute of science & Technology** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**FERMENTATION TECHNOLOGY & BIOCHEMICAL ENGINEERING**" from **02/08/2021** to **06/08/2021** at **JEPPIAAR ENGINEERING COLLEGE**.

Advisor-I, ATAL Academy
Dr. Mamta Rani Agarwal



Coordinator

THASSIM BEEVI ABDUL KADER COLLEGE FOR WOMEN

A Minority Institution Sponsored by Seethakathi Trust, Chennai
(An Autonomous Institution Affiliated to Alagappa University, Karaikudi)
(Accredited by NAAC with 'A' Grade (CGPA: 3.16) & ISO 9000: 2015 Certified Institution)
Recognized by UGC with 2(f) & 12(B)
Kilakarai-623517 Ramanathapuram District, Tamil Nadu



Department of Microbiology

Proudly Presented to

Dr. C. VALLI NACHIYAR

Professor,
Department of Biotechnology,
Sathyabama Institute of Science & Technology,
Chennai 600 119



For sharing her valuable knowledge as a Guest Speaker during the **two days FDP on “Biostatistics in Life Science Research”** on 8th & 9th November 2021.

Ms H Noorul Samsoon Maharifa
Head of the Department,
TBAKC

Dr S Sumayaa
Principal,
TBAKC



PACHAIYAPPA'S COLLEGE,

Chennai – 600030.



PG & Research Department of History

CERTIFICATE

State Level Webinar on “PERSONALITY DEVELOPMENT WEEK”

This is to certify that **Dr. C. VALLI NACHIYAR, Professor**, of **Sathyabama institute of science and technology** has actively participated in the **State Level Webinar on PERSONALITY DEVELOPMENT WEEK**, Organized by **PG & Research Department of History**, Pachaiyappa's College, Chennai – 600 030. From 14th June 2021 to 20th June 2021

Dr. R. SARAVANAN
Convenor & Head

Dr. R. SRIJAYANTHI
Principal I/C

P G & RESEARCH DEPARTMENT OF HISTORY
PACHAIYAPPA'S COLLEGE

CHENNAI – 600 030, Tamil Nadu.



In Collaboration with



P G & RESEARCH DEPARTMENT OF HISTORY
C. ABDUL HAKEEM COLLEGE

[AUTONOMOUS]

MELVISHARAM – 632 509, Tamil Nadu.

CERTIFICATE OF PARTICIPATION

This is to certify that

THYAGARAJAN R

Assistant professor

Sathyabama institute of science and technology

has participated and completed successfully Seven Days Online National Level Faculty Development Programme on **"Technology Development in Efficient Teaching Methods"** from 23rd June to 29th June 2021.

Dr. R. SRIJAYANTHI
Principal i/c
Pachaiyappa's College

Dr. S. A. SAJID
Principal
C. Abdul Hakeem College

Dr. M. P. MOHAMED FAROOK
Head of the Department
C. Abdul Hakeem College

Dr. R. SARAVANAN
Convenor & Head
Pachaiyappa's College

Dr. P. KUMARAN
Organizing Secretary
C. Abdul Hakeem College

P G & RESEARCH DEPARTMENT OF HISTORY
PACHAIYAPPA'S COLLEGE

CHENNAI – 600 030, Tamil Nadu.



In Collaboration with



P G & RESEARCH DEPARTMENT OF HISTORY
C. ABDUL HAKEEM COLLEGE

[AUTONOMOUS]

MELVISHARAM – 632 509, Tamil Nadu.

CERTIFICATE OF PARTICIPATION

This is to certify that

VALLI NACHIYAR C

Professor

Sathyabama institute of science and technology

has participated and completed successfully Seven Days Online National Level Faculty Development Programme on **"Technology Development in Efficient Teaching Methods"** from 23rd June to 29th June 2021.

Dr. R. SRIJAYANTHI
Principal i/c
Pachaiyappa's College

Dr. S. A. SAJID
Principal
C. Abdul Hakeem College

Dr. M. P. MOHAMED FAROOK
Head of the Department
C. Abdul Hakeem College

Dr. R. SARAVANAN
Convenor & Head
Pachaiyappa's College

Dr. P. KUMARAN
Organizing Secretary
C. Abdul Hakeem College



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **R.P.Oviya, Assistant Professor** of **Sathyabama Institute of Science and Technology** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Applications of CRISPR-Cas Gene Editing Tool**" from **07/02/2022** to **11/02/2022** at **Maulana Abul Kalam Azad University of Technology, West Bengal**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **R.P.Oviya, Assistant Professor** of **Sathyabama Institute of Science and Technology** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Recent Advances In Nanoscience And Nanotechnology**" from **17/01/2022** to **21/01/2022** at **Rajasthan Technical University**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

Centre for Continuing Education



Participation Certificate

This is to certify that *Dr. Jayshree Nellore* from *Sathyabama Institute of Science and Technology Chennai* attended “**A 5-day online FDP on “Advances in Biotechnology and Bioinformatics (ABB-2021)”**” conducted by the Department of **Biotechnology** from **22-03-2021** to **26-03-2021**.

Dr.K.Narasimhulu

Coordinators

Department of Biotechnology

Dr.Onkara Perumal P

Dr. Raju Bhukya

Faculty In-charge

CCE, NIT Warangal

Dr.R. Satish Babu

Head of Department

Dept. of Biotechnology

Prof. N.V. Ramana Rao

Director

NIT Warangal



Vel Tech High Tech

Dr. Rangarajan Dr. Sakunthala Engineering College

An Autonomous Institution | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai



Biotech, Chemical,
ECE, IT & Mech.



A GRADE



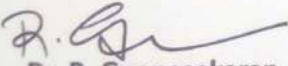
GOLD



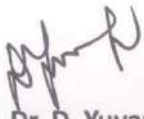
Certificate of Participation

This is to certify that.....*Dr. S. GRACY JENIFER*.....ASSISTANT PROFESSOR.....Dept. of.....*BIOTECHNOLOGY*.....
from.....*SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY*.....

has participated in the Faculty Development Programme on “**Advances in Biological, Biochemical, Biomedical and Bioenergy**” (AB₄ – 2022)”, organized by Department of Biotechnology, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai, Tamilnadu, India during **04th – 11th March, 2022**.


Dr. R. Gnanasekaran

Co-Convener


Dr. D. Yuvaraj

Convener


Dr. E. Kamalanaban

Principal



CERTIFICATE



P G & RESEARCH DEPARTMENT OF HISTORY

PACHAIYAPPA'S COLLEGE

CHENNAI – 600 030, Tamil Nadu.

This is to certify that

S.USHA NANDHINI

Assistant Professor Sathyabama Institute of science and technology

has Participated and completed successfully in the Seven Days Online National Level Faculty Development Programme on "**Prospective on the Regional History of Tamil Nadu** " from 1st July to 7th July 2021.

Dr. R. SRIJAYANTHI
Principal i/c



Dr. R. SARAVANAN
Convenor & Head



Vel Tech High Tech

Dr. Rangarajan Dr. Sakunthala Engineering College

An Autonomous Institution | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai



Certificate of Participation

This is to certify that Dr. KIRUTHIGA B., ASSISTANT PROFESSOR, Dept. of BIOTECHNOLOGY,

from SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

has participated in the Faculty Development Programme on “**Advances in Biological,**

Biochemical, Biomedical and Bioenergy” (AB₄ – 2022)”, organized by Department of

Biotechnology, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai,

Tamilnadu, India during **04th – 11th March, 2022.**

Dr. R. Gnanasekaran

Co-Convener

Dr. D. Yuvaraj

Convener

Dr. E. Kamalanaban

Principal



Vel Tech High Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai



Certificate of Participation

This is to certify that.....*Dr. INDUMATHI S.M., ASSISTANT PROFESSOR, Dept. of BIOTECHNOLOGY, ...*
from...*SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY*.....

has participated in the Faculty Development Programme on “**Advances in Biological, Biochemical, Biomedical and Bioenergy**” (AB₄ – 2022)”, organized by Department of Biotechnology, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai, Tamilnadu, India during **04th – 11th March, 2022**.

Dr. R. Gnanasekaran

Co-Convener

Dr. D. Yuvaraj

Convener

Dr. E. Kamalanaban

Principal



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Dr. Kiruthiga B from Sathyabama Institute of Science and Technology, Chennai has participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 22nd November, 2021 to 26th November, 2021.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE



Vel Tech High Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai



Certificate of Participation

This is to certify that.....*Dr. S. GRACY JENIFER*.....*ASSISTANT PROFESSOR*.....*Dept. of BIOTECHNOLOGY*.....
from..*SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY*.....

has participated in the Faculty Development Programme on “**Advances in Biological, Biochemical, Biomedical and Bioenergy**” (AB₄ – 2022)”, organized by Department of Biotechnology, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai, Tamilnadu, India during **04th – 11th March, 2022**.

Dr. R. Gnanasekaran

Co-Convener

Dr. D. Yuvaraj

Convener

Dr. E. Kamalanaban

Principal

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22BT17S24535361

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

INBATHAMIZH L

for successfully completing the course

Basics of Biology

with a consolidated score of **71** %

Online Assignments	24.06/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **668**

Jan-Apr 2022
(12 week course)

Hemant B Kaushik

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22BT17S24535361

To validate and check scores: <https://npTEL.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22BT22S14535148

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

INBATHAMIZH L

for successfully completing the course

Biochemistry

with a consolidated score of **64** %

Online Assignments	22.72/25	Proctored Exam	41.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **14**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22BT22S14535148

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22BT18S43312146

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

INBATHAMIZH L

for successfully completing the course

Cell Biology: Cellular Organization, Division and Processes

with a consolidated score of **64** %

Online Assignments	22.92/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1155**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Mar 2022
(8 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL22BT18S43312146

To validate and check scores: <https://npTEL.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT36S33350097

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

INBATHAMIZH L

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **83** %

Online Assignments	24.85/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **371**

Jul-Oct 2021
(12 week course)

Hemant B Kaushik

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL21BT36S33350097

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT48S43352212

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

INBATHAMIZH L

for successfully completing the course

Fundamentals of Protein Chemistry

with a consolidated score of **88** %

Online Assignments	24.85/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **82**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21BT48S43352212

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22BT18S43312146

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

INBATHAMIZH L

for successfully completing the course

Cell Biology: Cellular Organization, Division and Processes

with a consolidated score of **64** %

Online Assignments	22.92/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1155**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Mar 2022
(8 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL22BT18S43312146

To validate and check scores: <https://npTEL.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT36S33350097

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

INBATHAMIZH L

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **83** %

Online Assignments	24.85/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **371**

Jul-Oct 2021
(12 week course)

Hemant B Kaushik

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL21BT36S33350097

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT48S43352212

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

INBATHAMIZH L

for successfully completing the course

Fundamentals of Protein Chemistry

with a consolidated score of **88** %

Online Assignments	24.85/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **82**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21BT48S43352212

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT49S23352368

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
INBATHAMIZH L
for successfully completing the course

Immunology

with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	51/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **524**


Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21BT49S23352368

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT31S13300689

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



TOPPER

Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

INBATHAMIZH L

for successfully completing the course

Introduction to Mechanobiology

with a consolidated score of **65** %

Online Assignments	16.67/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 27

Jul-Sep 2021
(8 week course)

Sridhar

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL21BT31S13300689

To validate and check scores: <https://nptel.ac.in/noc>



CERTIFICATE

OF APPRECIATION

is awarded to

INBATHAMIZH.L

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

CHENNAI, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

FUNDAMENTALS OF PROTEIN CHEMISTRY

JUL-DEC 2021

Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				
		<40	40-59	60-74	75-89	>=90	Toppers
18	6	2	1	3	0	0	0

PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras



CERTIFICATE OF APPRECIATION TO

INBATHAMIZH.L

for being recognized as NPTEL BELIEVER
JUL-DEC 2021

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

NPTEL BELIEVER

Candidate has to be present in 4/5/6
exams, passing atleast 4 of these exams





CERTIFICATE OF APPRECIATION TO

INBATHAMIZH.L

Biotechnology

for being recognized as NPTEL DISCIPLINE STAR

JUL-DEC 2021

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

NPTEL DISCIPLINE STAR

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject ≥ 55



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT33S23301586

To
INBATHAMIZH L
1/1 1A, AKBARABAD I STREET
KODAMBAKKAM
CHENNAI
TAMILNADU - 600024
PH. NO :9840470823



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
INBATHAMIZH L
for successfully completing the course

Tissue Engineering

with a consolidated score of **80** %

Online Assignments	22.5/25	Proctored Exam	57.32/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **159**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2021
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21BT33S23301586

To validate and check scores: <https://nptel.ac.in/noc>



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with "A" in NAAC/12 G Status by UGC/ Approved by AICTE
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119, Tamilnadu, India.



CERTIFICATE OF PARTICIPATION

This is to certify that **Dr.S.SUDHA**, Assistant Professor
from ***Sathyabama Institute of Science and Technology***
actively participated in the **Two Week Online workshop** on **"Thinfilm and Nanomaterials (IWTN - 2021)"** organized by the Department of Physics, Sathyabama Institute of Science and Technology, Chennai **in Association with Tamilnadu State Council for Science and Technology (TNSCST)** during **09.08.2021 - 20.08.2021** [Certificate ID: IWTN/2021/068]

Dr. T. SASIPRABA
Vice Chancellor

DR.R. SRINIVASAN
Member - Secretary - TNSCST

Dr. Helen Merina Albert
Convener

Dr. C. Rameshkumar
Convener

Dr. D. S. Jayalakshmi
Convener



Vel Tech High Tech

Dr. Rangarajan Dr. Sakunthala Engineering College

An Autonomous Institution | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai



Biotech, Chemical,
ECE, IT & Mech.



Certificate of Participation

This is to certify that.. *Dr. S. JAASHREE, ASSISTANT PROFESSOR, Dept. of BIOTECHNOLOGY,*.....
from.. *SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY*.....

has participated in the Faculty Development Programme on “**Advances in Biological, Biochemical, Biomedical and Bioenergy**” (AB₄ – 2022)”, organized by Department of Biotechnology, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai, Tamilnadu, India during **04th – 11th March, 2022.**

Dr. R. Gnanasekaran

Co-Convenor

Dr. D. Yuvaraj

Convenor

Dr. E. Kamalanaban

Principal

No:ATAL/2020/1606724983



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that **JAYSHREE NELLORE**, **Professor** of **sathyabama** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Health management**" from **2021-1-4** to **2021-1-8** at **Shaheed Bhagat Singh State Technical Campus, Ferozepur**.

Director ATAL Academies



Coordinator

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22GE01S44466312

To
INDUMATHI S M
NO:5, 3RD CROSS ST, THIRUMALAI NAGAR
PRASAD AVENUE, KOLATHUR
CHENNAI
TAMIL NADU - 600099
PH. NO :8072622251



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

INDUMATHI S M

for successfully completing the course

**NBA Accreditation and Teaching and Learning in
Engineering (NATE)**

with a consolidated score of **60** %

Online Assignments	15.31/25	Proctored Exam	44.87/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **967**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Apr 2022
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore





**National Institute of Technical Teachers
Training and Research, Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

Dr. THYAGARAJAN.R

SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY,
CHENNAI (TAMIL NADU)

*Participated in AICTE recognized Short Term Course
on*

**Free Software and Resources for
Technical Education through ICT**

conducted by

**Computer Science and Engineering
Department**

from

21.03.2022 to 25.03.2022 (One Week)

at

**Sathyabama Institute of Science & Technology,
Chennai (Tamil Nadu)**

Coordinator

Director



Vel Tech High Tech

Dr. Rangarajan Dr. Sakunthala Engineering College

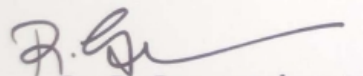
An Autonomous Institution | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

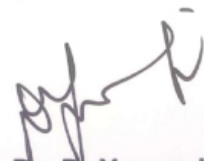


Certificate of Participation

This is to certify that.....*Ms. R. P. DVIYA, ASSISTANT PROFESSOR, Dept. of BIOTECHNOLOGY,*.....
from...*SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY*.....

has participated in the Faculty Development Programme on “**Advances in Biological, Biochemical, Biomedical and Bioenergy**” (AB₄ – 2022)”, organized by Department of Biotechnology, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai, Tamilnadu, India during **04th – 11th March, 2022**.


Dr. R. Gnanasekaran
Co-Convener


Dr. D. Yuvaraj
Convener


Dr. E. Kamalanaban
Principal

Roll No:NPTEL22BT11S14531438

To R P OVIYA
NO 328 E19 STREET MARUTHAM NAGAR EXT.
TNHB SHOLINGANALLUR
CHENNAI
TAMIL NADU - 600119
PH. NO :9710787987



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 12 Weeks



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

R P OVIYA

for successfully completing the course

Interactomics : Basics & Applications

with a consolidated score of **46 %**



Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Apr 2022)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22BT11S14531438

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RFD / FDP through MOOCs / 2017-18

Roll No: NPTEL22GE01S34461344

To **R P OVIYA**
NO 328 E19 STREET MARUTHAM NAGAR EXT.
TNHB SHOLINGANALLUR
CHENNAI
TAMIL NADU - 600119
PH. NO :9710787987



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 12 Weeks



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

R P OVIYA



for successfully completing the course

**NBA Accreditation and Teaching and Learning in
Engineering (NATE)**

with a consolidated score of **51 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Apr 2022)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22GE01S34461344

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RFD / FDP through MOOCs / 2017-18

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT37S23340928

To
PRABAVATHY D
PLOT NO 38,5TH CROSS STREET
PRAKASH NAGAR
THIRUNINRAVUR
TAMILNADU - 602024
PH. NO :9841450472



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PRABAVATHY D

for successfully completing the course

Drug Delivery: Principles and Engineering

with a consolidated score of **53** %

Online Assignments	22.94/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **143**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jul-Oct 2021
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL21BT37S23340928

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT36S33340101

To
PRABAVATHY D
PLOT NO 38,5TH CROSS STREET
PRAKASH NAGAR
THIRUNINRAVUR
TAMILNADU - 602024
PH. NO :9841450472



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PRABAVATHY D

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **90** %

Online Assignments	23.91/25	Proctored Exam	66/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **371**

Jul-Oct 2021
(12 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL21BT36S33340101

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT35S13340135

To
PRABAVATHY D
PLOT NO 38,5TH CROSS STREET
PRAKASH NAGAR
THIRUNINRAVUR
TAMILNADU - 602024
PH. NO :9841450472



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PRABAVATHY D

for successfully completing the course

Genetic Engineering: Theory and Application

with a consolidated score of **87** %

Online Assignments	24.22/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **265**

Jul-Oct 2021
(12 week course)

Hemant B Kaushik

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

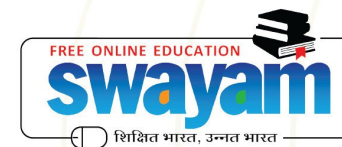


Indian Institute of Technology Guwahati



Roll No: NPTEL21BT35S13340135

To validate and check scores: <https://nptel.ac.in/noc>



CERTIFICATE

OF APPRECIATION

is awarded to

PRABAVATHY D

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

CHENNAI, TAMIL NADU

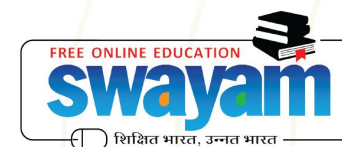
in recognition of his/her role as mentor for the
NPTEL Online Certification course

DRUG DELIVERY: PRINCIPLES AND ENGINEERING

JUL-DEC 2021

PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				
		<40	40-59	60-74	75-89	>=90	Toppers
9	5	2	2	1	0	0	0



CERTIFICATE

OF APPRECIATION

is awarded to

PRABAVATHY D

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

CHENNAI, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

GENETIC ENGINEERING: THEORY AND APPLICATION

JUL-DEC 2021

PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				
		<40	40-59	60-74	75-89	>=90	Toppers
27	9	3	5	1	0	0	0



Researcher Academy On Campus Certificate of Attendance



This certifies that

sudha s

has attended the following

Reviewer workshop: How to get the most out of being a reviewer of scientific articles

at APAC Customer Success Hub Workshop,
on Wednesday 10 August, 2022

Presented by Dr. Biswanath Dutta Publisher, Prof. Henrik Rudolph Editor-in-Chief, Applied Surface Science

Suzanne BeDell

Managing Director, Education
Reference & Continuity Books

Philippe Terheggen

Managing Director, Science,
Technology & Medical Journals





KUMARAGURU
college of technology
character is life

Certificate

OF APPRECIATION

This certificate is PROUDLY PRESENTED TO

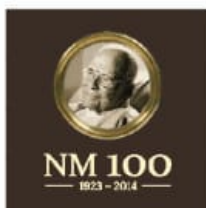
Dr S M Indumathi

Sathyabama Institute Of Science And Technology,

for his/her active and invaluable participation in the One Week online Faculty Development Programme(FDP) on "Nanotechnology in Health, Food and Environment" organized by Department of Bio Technology, Kumaraguru College of Technology, Coimbatore from 09th to 13th May 2022.

Dr A THIRUMURUGAN
ASSISTANT PROFESSOR / BT
KUMARAGURU COLLEGE OF TECHNOLOGY

Dr D SARAVANAN
PRINCIPAL
KUMARAGURU COLLEGE OF TECHNOLOGY



KUMARAGURU
Institutions

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT30S13351083

To
DR S SUDHA
NO 88, BARRACHA ROAD,
G 6 INCOME TAX QUATERS, NAMALVARPET
CHENNAI
TAMIL NADU - 600012
PH. NO :7708823377



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

DR S SUDHA

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **69** %

Online Assignments	15/25	Proctored Exam	54/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **770**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Aug-Sep 2021
(4 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21BT30S13351083

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT49S23352700

To
DR S SUDHA
NO 88, BARRACHA ROAD,
G 6 INCOME TAX QUATERS, NAMALVARPET
CHENNAI
TAMIL NADU - 600012
PH. NO :7708823377



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

DR S SUDHA

for successfully completing the course

Immunology

with a consolidated score of **71** %

Online Assignments	24.69/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **524**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21BT49S23352700

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21BT33S13301158

To
DR S SUDHA
NO 88, BARRACHA ROAD,
G 6 INCOME TAX QUATERS, NAMALVARPET
CHENNAI
TAMIL NADU - 600012
PH. NO :7708823377



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

DR S SUDHA

for successfully completing the course

Tissue Engineering

with a consolidated score of **76** %

Online Assignments	22.92/25	Proctored Exam	52.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **159**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2021
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21BT33S13301158

To validate and check scores: <https://nptel.ac.in/noc>



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that **Dr. S Sudha** from **Sathyabama Institute of Science and Technology, Chennai** has participated and successfully completed the **5-day online FDP** on the theme **“Inculcating Universal Human Values in Technical Education”** organized by **All India Council for Technical Education(AICTE)** from **14th March, 2022 to 18th March, 2022.**

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Dr. Prabavathy D from Sathyabama Institute of Science and Technology, Chennai has participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 12 July, 2021 to 16 July, 2021.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that **Dr. Indumathi S M** from **Sathyabama Institute of Science and Technology, Chennai** has participated and successfully completed the **5-day online FDP** on the theme **“Inculcating Universal Human Values in Technical Education”** organized by **All India Council for Technical Education(AICTE)** from **31st January, 2022 to 4th February, 2022.**

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

Roll No: NPTEL21BT36S33351092

To S USHA NANDHINI
NO.74, 12TH ST, DR.KALAIINGER NAGAR ,
THIRUVOTTIYUR, CHENNAI 19
CHENNAI
TAMIL NADU - 600019
PH. NO :9840175076



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 12 Weeks



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

S USHA NANDHINI

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **80 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2021)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL21BT36S33351092

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RFD / FDP through MOOCs / 2017-18



Vel Tech High Tech

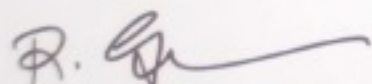
Dr. Rangarajan Dr. Sakunthala Engineering College

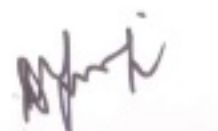
An Autonomous Institution | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai



Certificate of Participation

This is to certify that.....*Dr. C. VALLINACHIYAR, PROFESSOR, DEPT. OF BIOTECHNOLOGY,*.....
from...*SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY*.....
has participated in the Faculty Development Programme on “**Advances in Biological, Biochemical, Biomedical and Bioenergy**” (AB₄ – 2022)”, organized by Department of Biotechnology, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai, Tamilnadu, India during **04th – 11th March, 2022**.


Dr. R. Gnanasekaran
Co-Convener


Dr. D. Yuvaraj
Convener


Dr. E. Kamalanaban
Principal

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22BT17S14535023

To
DR C VALLI NACHIYAR
22A, GANGA SALAI, MAXWORTH NAGAR
PHASE II, KOLAPAKKAM
CHENNAI
TAMIL NADU - 600122
PH. NO :9840059604



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DR C VALLI NACHIYAR
for successfully completing the course

Basics of Biology

with a consolidated score of **87** %

Online Assignments	24.13/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **668**

Jan-Apr 2022
(12 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22BT17S14535023

To validate and check scores: <https://npTEL.ac.in/noc>



KUMARAGURU
college of technology
character is life

Certificate

OF APPRECIATION

This certificate is PROUDLY PRESENTED TO

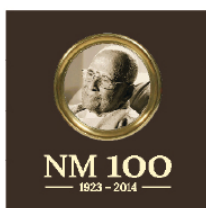
Dr C Valli Nachiyar

Sathyabama Institute Of Science And Technology

for his/her active and invaluable participation in the One Week online Faculty Development Programme(FDP) on "Nanotechnology in Health, Food and Environment" organized by Department of Bio Technology, Kumaraguru College of Technology, Coimbatore from 09th to 13th May 2022.

Dr A THIRUMURUGAN
ASSISTANT PROFESSOR / BT
KUMARAGURU COLLEGE OF TECHNOLOGY

Dr D SARAVANAN
PRINCIPAL
KUMARAGURU COLLEGE OF TECHNOLOGY



KUMARAGURU
Institutions

Roll No: NPTEL22EE66S34465663

To DR C VALLI NACHIYAR
22A, GANGA SALAI, MAXWORTH NAGAR
PHASE II, KOLAPAKKAM
CHENNAI
TAMIL NADU - 600122
PH. NO :9840059604



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 12 Weeks



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DR C VALLI NACHIYAR
for successfully completing the course
Neural Science for Engineers
with a consolidated score of **79 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Apr 2022)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22EE66S34465663

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RFD / FDP through MOOCs / 2017-18

**02.00
PM**

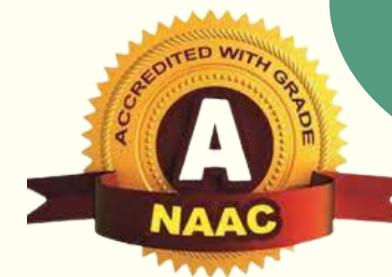
**MARCH
09 to 25**



SATHYABAMA

INSITITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)



ACCREDITED "A" GRADE BY NAAC /12B STATUS BY UGC/ APPROVED BY AICTE

**SCHOOL OF BIO AND CHEMICAL ENGINEERING
DEPARTMENT OF BIOTECHNOLOGY**

**VALUE ADDED COURSE
ON**

MOLECULAR DOCKING AND ANALYSIS OF MOLECULAR INTERACTION

CHIEF PATRONS

DR. MARIAZEENA JOHNSON, CHANCELLOR

DR. MARIE JOHNSON, PRESIDENT

MR. J . ARUL SELVAN, VICE PRESIDENT

MS. MARIA BERNADETTE TAMILARASI, VICE PRESIDENT

CONVENOR

DR.RAMESH KUMAR V

HOD

DEPT OF BIOTECHNOLOGY

PATRONS

DR. T. SASIPRABA, VICE CHANCELLOR

DR. E. LOGASHANMUGAM, PRO VICE CHANCELLOR

DR.S.S. RAO , REGISTRAR

DR.G. SUNDARI, DIRECTOR ADMINISTRATION

FACULTY CO-ORDINATOR

DR. R.P OVIYA (ASSISTANT PROFESSOR)

DR.L. INBATHAMIZH (ASSISTANT PROFESSOR)

DR. PRAKASH P (ASSISTANT PROFESSOR)

DR. JAYASHREE (ASSISTANT PROFESSOR)



CERTIFICATE WILL BE PROVIDED TO ALL

Registration Link:<https://forms.gle/25kntGqdPbJdj44P9>

Registration fees: Rs.100

SATHYABAMA

INSITITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

ACCREDITED "A" GRADE BY NAAC /12B STATUS BY UGC/ APPROVED BY AICTE

SCHOOL OF BIO AND CHEMICAL ENGINEERING
DEPARTMENT OF BIOTECHNOLOGY

VALUE ADDED COURSE

OBJECTIVES

This VALUE ADDED COURSE teaches students about MOLECULAR DOCKING AND ANALYSIS OF MOLECULAR INTERACTION

COURSE CONTENT

#1	INTRODUCTION TO BIOINFORMATICS	2hr
#2	WHY DO WE COMPARE BIOLOGICAL SEQUENCES	3hr
#3	BIOLOGICAL DATABASE AND HOW TO SEARCH THEM	3hr
#4	DOCKING -BASICS	6hr
#5	VISUALIZATION OF LIGAND RECEPTOR INTERACTION	8hr
#6	PROTEIN INTERACTION ANALYSIS-PROTEIN INTERACTOME CONSTRUCTION	8hr

OUTCOME

- To learn various tools for in silico analysis of DNA and Proteins
- To learn analysis of molecular interactions using in silico tools and to identify new Drug-Target interactions



SATHYABAMA

INSITITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

ACCREDITED "A" GRADE BY NAAC /12B STATUS BY UGC/ APPROVED BY AICTE

X
SCHOOL OF BIO AND CHEMICAL ENGINEERING

X
DEPARTMENT OF BIOTECHNOLOGY



VALUE ADDED COURSE



MODULE	COURSE CONTENT	COURSE COORDINATOR
1 & 2	INTRODUCTION TO BIOINFORMATICS WHY DO WE COMPARE BIOLOGICAL SEQUENCES	DR. JAYASHREE
3	BIOLOGICAL DATABASE AND HOW TO SEARCH THEM	DR.L.INBATHAMIZH
4	DOCKING- BASICS	DR.PRAKASH.P
5 & 6	VISUALIZATION OF LIGAND-RECEPTOR INTERACTION PROTEIN INTERACTION ANALYSIS -PROTEIN INTERACTOME CONSTRUCTION	DR.R.P.OVIYA

Roll No: NPTEL21BT30S13351322

To DR C VALLI NACHIYAR
22A, GANGA SALAI, MAXWORTH NAGAR
PHASE II, KOLAPAKKAM
CHENNAI
TAMIL NADU - 600122
PH. NO :9840059604



Duration of NPTEL course: 4 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
DR C VALLI NACHIYAR
for successfully completing the course
Biomedical Nanotechnology
with a consolidated score of **90 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Aug-Sep 2021)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL21BT30S13351322

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RFD / FDP through MOOCs / 2017-18