



# Dr. LANKAPALLI BULLAYYA COLLEGE

The Society For Collegiate Education

Affiliated to Andhra University, Approved by AICTE & NAAC Accredited with "A"

# 52-14-75, Resapuvanipalem, Visakhapatnam - 530 013.

Ph : 0891-2551198, 2768405, 2701819, 2561635

Email : principal@lbc.edu.in Website : www.lbc.edu.in

## CERTIFICATE

This is to certify that the project work entitled "**Microbial Analysis of Water**" is bonafide work carried out by **Mr. Adapu Raj Kumar** (Regd. No. 720228804001) at **Dr. Lankapalli Bullayya College** for the partial fulfilment of **Master's degree in Biotechnology** from **Dr.Lankapalli Bullayya College, Visakhapatnam** during the academic year 2020-22.

*S. Sharmila Begum* 23/4/2022

### RESEARCH GUIDE:

**Dr. S. Sharmila Begum,**  
**HOD**

**Department of Biotechnology**

Head of the Department  
Dept. of Biotechnology  
Dr. L.B. PG College  
Visakhapatnam-530 013





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*S. Sharmila* 23/4/2022

### RESEARCH GUIDE:

**Dr. S. Sharmila Begum,**  
**HOD**

**Department of Biotechnology**

Head of the Department  
Dept. of Biotechnology  
Dr. L.B. PG College  
Visakhapatnam-530 013





Indian Council Of Agricultural Research

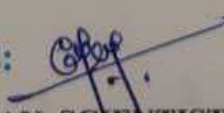


VISAKHAPATNAM REGIONAL CENTRE OF  
CENTRAL MARINE FISHERIES RESEARCH INSTITUTE

**CERTIFICATE**

This is to certify that AKKAPU SUMITRA SRI, (Regd. No. 720228804002) student of Dr. Lankapalli Bullayya College has successfully completed her project, title " **Isolation and molecular identification of marine bacteria from sea sediments**" under the guidance of Dr. SEKAR MEGARAJAN (Scientist, ICAR-CMFRI) for partial fulfillment of **Masters Of science in Biotechnology submitted to Andhra university, Vishakhapatnam** during the academic year 2020 – 2022. The project work has been carried out under my supervision and the same is not permitted to be published anywhere else without the consent of the guide.

**RESEARCH GUIDE:**

  
Dr. SEKAR MEGARAJAN, SCIENTIST,  
VRC OF ICAR-CMFRI, VISAKHAPATNAM

**Dr. Sekar Megarajan**  
Scientist, Mariculture  
ICAR - CMFRI  
Visakhapatnam Regional Centre  
Visakhapatnam - 530 003, A.P.



## Dr. LANKAPALLI BULLAYYA COLLEGE

The Society For Collegiate Education

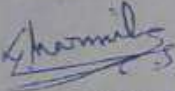
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Email : principal@lbc.edu.in Website : www.lbc.edu.in

### CERTIFICATE

This is to certify that the project work entitled "Preparation Of Value Added Product From Floral Waste And Evaluation Of Its Quality" is a bonafide work carried out by A. Siva Naga Jyothirmayi (Reg No.720228804003) at Dr. Lankapalli Bullayya College for partial fulfillment of Masters in science (Biotechnology) submitted to Andhra university, Vishakhapatnam during the academic year 2020 - 2022.

  
23/4/22

RESEARCHGUIDE:

Dr. S. Sharmila Begum,  
HOD  
Department of Biotechnology

Head of the Department  
Dept. of Biotechnology  
Dr. L.B. PG College  
Visakhapatnam-530 013





# SUNEETHA DIAGNOSTIC CENTRE

Reg No : 120/11



Beside ICICI Bank , Vijayawada Road , HANUMAN JUNCTION - 521 105 , Bapulapadu Mandal , Krishna Di

## CERTIFICATE

This is to certify that the project work entitled DIAGNOSTIC CENTRE  
( lab work ) is a bonafide work carried out by MR. A. NAGARAJU  
( Regd.no.720228804004 ) at SUNEETHA DIAGNOSTIC CENTRE  
Successfully completed his work by January 10 to March 10 in the academic  
Year 2022-2022

### RESEARCH GUIDE:

TADI LAKSHMAN BABU ( head of the lab)

*T. Lakshman Babu*  
10/3/22

**SUNEETHA DIAGNOSTIC CENTRE**

Regd. No: 120/11

Beside Andhra Bank

HANUMAN JUNCTION-521 105

Cell : 8666177160, 905213...



## SRIVIJAYAVISAKHA MILK PRODUCERS COMPANY LIMITED

An ISO 9001 & 22000 Certified Dairy

Regd. No 48708/05-06, (VISAKHA DAIRY) Visakhapatnam – 530012. A.P.

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### CERTIFICATE

This is to certify that **CHANDAKA GANESH BABU** has completed his project in our “**SRI VIJAYA VISAKHA MILK PRODUCERS COMPANY LIMITED**” (**VISAKHA DAIRY TRAINING CENTER**) with project work entitled “ **study in production of milk foods**” under the guidance of **Dr.K.SHIVA SHANKAR** , Asst Director (AH), Andhra Pradesh, from 29<sup>th</sup> January-2022 to 7<sup>th</sup> April-2022. During period of project work, she has shown keen interest in carrying out the above work she has acquired knowledge in the related work.

We wish all the best for her future assignments.

Dr.K.SHIVA SHANKAR,  
Asst Director (AH),



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Email : principal@lbc.edu.in Website : www.lbc.edu.in

## CERTIFICATE

This is to certify that project work entitled "Study and production of bio enzyme and analysis" is a bonafide work carried out by Ms. CH. Durga Sri Gayatri Renuka(Regd. No. 720228804006) at Dr. Lankapalli Bullayya College for partial fulfilment of Mastersin Science (Biotechnology) submitted to Andhra University, Visakhapatnam during academic year 2020-2022.

23/4/2022

RESEARCH GUIDE:

**Dr. S. Sharmila Begum,  
HOD**

**Department of Biotechnology**

Head of the Department  
Dept. of Biotechnology  
Dr. L.B. PG College  
Visakhapatnam-530 013





## **Adhya Biosciences Pvt. Ltd.**

**(Research & Training Institute of Life Sciences)**

RR Towers, KGH Up Road, Jagadamba Jn., Maharani Peta, Visakhapatnam,  
Andhra Pradesh 530002, INDIA.

**Ph:** 0891-4802244; **Cell:** (+91) 9949129539;

**website:** [www.adhyabio.com](http://www.adhyabio.com); **E-mail:** [adhyabio@gmail.com](mailto:adhyabio@gmail.com)

### **CERTIFICATE**

This is to certify that D. Maha Lakshmi final year student of M.Sc, BIOTECHNOLOGY with REGD NO. 730228804007 from the Department Of BIOTECHNOLOGY, Dr. Lankapalli Bullayya College, Visakhapatnam. She has completed her project in our “**Adhya Biosciences Research Laboratory**” with project work entitled “A COMPARATIVE STUDY ON THE ANTIMICROBIAL AND ANTIOXIDANT PROPERTIES OF TWO MEDICINAL PLANTS” from March to April 2022. During the period of project work, she has shown keen interest in carrying out the above knowledge in the related work and has acquired work.

We wish her all the best in her future assignments.

**Dr. V. ASHOK KUMAR M.Sc., PhD**

**Chief Scientist**

Adhya Biosciences Pvt. Ltd.

Startup India Approval No: DIPP33648  
Corporate Identification Number (CIN): U85191AP2016PTC098209  
Registration Number: 98209  
Udyam Registration Number: UDYAM-AP-10-0001461  
Udyog Aadhaar Registration: AP10E0017600  
Import Export Registration: AA0CA2512N  
GST Registration Number: 37AA0CA2512N2ZE





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**website:** [www.adhyabio.com](http://www.adhyabio.com); **E-mail:** [adhyabio@gmail.com](mailto:adhyabio@gmail.com)

### **CERTIFICATE**

This is to certify that G. Emmi Ramyaka final year student of M.Sc, BIOTECHNOLOGY with REGD NO. 730228804008 from the Department Of BIOTECHNOLOGY, Dr. Lankapalli Bullayya College, Visakhapatnam. She has completed her project in our “**Adhya Biosciences Research Laboratory**” with project work entitled “**IN VITRO ACTIVITY OF CERTAIN DRUGS IN COMBINATION WITH PLANT EXTRACTS AGAINST STAPHYLOCOCCUS AUREUS AND KLEBSIELLA PNEUMONIA**” from March to April 2022. During the period of project work, she has shown keen interest in carrying out the above knowledge in the related work and has acquired work.

We wish her all the best in her future assignments.

**Dr. V. ASHOK KUMAR M.Sc., PhD**

**Chief Scientist**

Adhya Biosciences Pvt. Ltd.

Startup India Approval No: DIPP33648

Corporate Identification Number (CIN): U85191AP2016PTC098209

Registration Number: 98209

Udyam Registration Number: UDYAM-AP-10-0001461

Udyog Aadhaar Registration: AP10E0017600

Import Export Registration: AA0CA2512N

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Email : principal@lbc.edu.in Website : www.lbc.edu.in

## CERTIFICATE

This is to certify that the project work entitled "Bio-Conversion Process Of Lingo Cellulose Waste Into Oyster Mushroom Cultivation" is a bonafide work carried out by Ms. Kanchi Navya (Regd. No. 720228804009) at Dr. Lankapalli Bullayya College for partial fulfillment of Masters in Science in Biotechnology submitted to Andhra University, Vishakhapatnam during the academic year 2020-2022.

*S. Sharmila*  
23/4/2022

RESEARCH GUIDE:

**Dr. S. Sharmila Begum,**  
**HOD**  
**Department of Biotechnology**

Head of the Department  
Dept. of Biotechnology  
Dr. L. B. PG College  
Visakhapatnam-530 013





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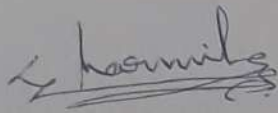
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Email : principal@lbc.edu.in Website : www.lbc.edu.in

## CERTIFICATE

This is to certify that the project work entitled "Study of bio-composite polymer preparation using natural fibers and testing the biodegradability" is a bonafide work carried out by Ms. Karri Madhuri (Regd. No. 720228804010) at Dr. Lankapalli Bullayya College for partial fulfillment of Masters in science (Biotechnology) submitted to Andhra university, Vishakhapatnam during the academic year 2020 – 2022.

  
RESEARCHGUIDE: 23/4/2022

Dr. S. Sharmila Begum,  
HOD  
Department of Biotechnology

Head of the Department  
Dept. of Biotechnology  
Dr. L.B. PG College  
Visakhapatnam-530 013





### CERTIFICATE

This is to certify that the report entitled "ESTABLISHMENT OF TISSUE CULTURE PROTOCOL AND PHYSICO-CHEMICAL CHARACTERIZATION OF CHIA SEED (*Salvia Hispanica* L.) submitted by Ms. Katuri Padma Priya, Regd No-720218004011 for the partial fulfillment of the Degree of Master of Science in Biotechnology to Dr.Lankapalli Bullayya College,Visakhapatnam is a record of the project internship work carried out by her in the Department of Plant cell Biotechnology, CSIR-Central Food Technological Research Institute, Mysuru under my guidance.

Date 18-07-2022

Place -Mysuru

Dr.R.V.SREEDHAR

Principal Scientist

(PCBT DEPT)



### CERTIFICATE

This is to certify that the report entitled "ESTABLISHMENT OF TISSUE CULTURE PROTOCOL AND PHYSICO-CHEMICAL CHARACTERIZATION OF CHIA SEED (*Salvia Hispanica* L.) submitted by Ms. Katuri Padma Priya, Regd No-720218804011 for the partial fulfillment of the Degree of Master of Science in Biotechnology to Dr.Lankapalli Balleyya College,Visakhapatnam is a record of the project internship work carried out by her at the Department of Plant cell Biotechnology, CSIR-Central Food Technological Research Institute, Mysuru under my guidance.

Date 18-07-2022

Place -Mysuru

Dr.R.V.SREEDHAR

Principal Scientist

(PCBT DEPT)



## **CERTIFICATION**

This is to certify that **Ms. Meghana Sagar Korabu** (student from the department of Biotechnology, Dr. Lankapalli Bullayya College, Visakhapatnam) successfully completed the assigned bonafide project work titled: “**RNA Extraction and c-DNA synthesis of 16s ribosomal RNA from *E.coli*-TKC027 for genotyping purposes**” under my supervision and guidance at The Center for Advanced-Applied Biological Sciences & Entrepreneurship (TCABS-E), Visakhapatnam branch for the partial fulfillment of Master’s degree in Biotechnology (2020-22). This work was performed from 4th January 2022 to 15th February 2022.

Dr. Ravikiran S. Yedidi

Founder, Principal Scientist & Lead Instructor  
The Center for Advanced-Applied Biological Sciences & Entrepreneurship (TCABS-E)  
Rajamahendravaram (A.P.) India.  
Branch: Visakhapatnam. Tel.  
+91-8660301662.  
Email: [tcabse.india@gmail.com](mailto:tcabse.india@gmail.com) Website:  
<https://www.tcabse.org>



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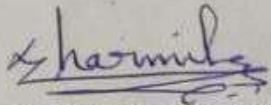
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Email : principal@lbc.edu.in Website : www.lbc.edu.in

## CERTIFICATE

This is to certify that the project work entitled "Study Of Natural Herbal Toothpaste Preparation And It's Merits" is a bonafide work carried out by Ms. Menda Jyothirmai (Regd. No. 720228804013) at Dr. Lankapalli Bullayya College for partial fulfillment of Masters in science (Biotechnology) submitted to Andhra university, Visakhapatnam during the academic year 2020 – 2022.

  
23/4/2022  
RESEARCH GUIDE:

**Dr. S. Sharmila Begum,**  
**HOD**

**Department Of Biotechnology.**

Head of the Department  
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Dr. L.B. PG College  
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## CERTIFICATE

This is to certify that the project work entitled "**Handmade Organic Natural Soaps and their Characteristics**" is bona fide work carried out by **Ms. Pidaparathi Pinky (Regd. No. 720228804014)** at **Dr. Lankapalli Bullayya College** for the partial fulfilment of **Master's degree in Biotechnology** from **Dr. Lankapalli Bullayya College, Visakhapatnam** during the academic year 2020-22.

Head of the Department

*Sharmila*  
23/04/2022

**RESEARCH GUIDE:**

**Dr. S. Sharmila Begum,**  
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**Department of Biotechnology**

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**website:** [www.adhyabio.com](http://www.adhyabio.com); **E-mail:** [adhyabio@gmail.com](mailto:adhyabio@gmail.com)

### **CERTIFICATE**

This is to certify that R. Harshitha Sri Prasanthi final year student of M.Sc, BIOTECHNOLOGY with REGD NO. 730228804016 from the Department Of BIOTECHNOLOGY, Dr. Lankapalli Bullayya College, Visakhapatnam. She has completed her project in our “**Adhya Biosciences Research Laboratory**” with project work entitled “STUDIES ON PHYTOCHEMICAL ANALYSIS, DETAILED PHYTOCHEMICAL FUNCTIONAL GROUPS, ANTIMICROBIAL AND ANTIOXIDANT ACTIVITIES OF METHANOL EXTRACT OF TWO OCIMUM SPECIES (GRATISSIUM, SANCTUM)” from March to April 2022. During the period of project work, she has shown keen interest in carrying out the above knowledge in the related work and has acquired work.

We wish her all the best in her future assignments.

**Dr. V. ASHOK KUMAR M.Sc., PhD**

**Chief Scientist**

Adhya Biosciences Pvt. Ltd.

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Regd. No 48708/05-06, (VISAKHA DAIRY) Visakhapatnam – 530012. A.P

---

## CERTIFICATE

This is to certify that **RAPARTHI NAGA VENKATA SAI LAKSHMI APARNA** has completed her project in our “**SRI VIJAYA VISAKHA MILK PRODUCERS COMPANY LIMITED**” (**VISAKHA DAIRY TRAINING CENTER**) with project work entitled “**IN-VITRO FERTILIZATION (IVF) in BOVINES**” under the guidance of Dr. Umashankar Mahapatro, M.V.Sc (Gynecology), Asst Director (AH), Andhra Pradesh, from 29<sup>th</sup> January-2022 to 7<sup>th</sup> April-2022. During period of project work, she has shown keen interest in carrying out the above work she has acquired knowledge in the related work.

We wish all the best for her future assignments.

Dr. Umashankar Mahapatro,  
M.V.Sc (Gynecology),  
Asst Director (AH),  
Department of Animal Husbandry, A.P.



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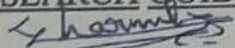
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Email : principal@lbc.edu.in Website : www.lbc.edu.in

## CERTIFICATE

This is to certify that the project work entitled "Study Of Efficient Utilization Of Lignocellulose Waste For Organic Production Of Milky Mushrooms (*Calocybe Indica*) Cultivation" is a bonafied work carried out by Mr. Sheik Haidar Ali (Regd. No.720228804018) at Dr. Lankapalli Bullayya College for the partial fulfillment of Masters in Science in Biotechnology submitted to Andhra University, Visakhapatnam during the academic year 2020-2022.

### RESEARCH GUIDE:

 23/04/2022

**Dr. S. Sharmila Begum**

**HOD**

**Department of Biotechnology**

Head of the Department  
Dept. of Biotechnology  
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Email : principal@lbc.edu.in Website : www.lbc.edu.in

## CERTIFICATE

This is to certify that the project work entitled "Study Of Bio-Enzyme Production And Different Formulations For Various Applications" is a bonafide work carried out by Mr. Uppada Srisaimanikanta (Regd. No. 720228804019) at Dr. Lankapalli Bullayya College for partial fulfillment of Masters in science (Biotechnology) submitted to Andhra university, Vishakhapatnam during the academic year 2020 – 2022.

*Sharmila*  
23/4/2022

RESEARCH GUIDE:

**Dr. S. Sharmila Begum,**  
**HOD**  
**Department of Biotechnology**

Head of the Department  
Dept. of Biotechnology  
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