

# ***“Milk production and it's quality testing”***

*An internship Submitted to  
K S Rangasamy College of Arts and Science (Autonomous)  
In Partial fulfillment of the requirement for the degree of*

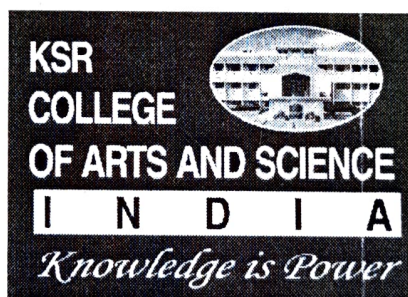
**BACHELOR OF SCIENCE IN BIOTECHNOLOGY**

*To be awarded by Periyar University*

Submitted by  
**AJITH R (18UBT002)**

*Under the Guidance of*

**Ms.L.G.Nandhini**  
Assistant Professor



**DEPARTMENT OF BIOTECHNOLOGY**

**K S Rangasamy College of Arts and Science (Autonomous)**

NAAC Reaccredited and ISO 9001:2008 Certified Institution

K S R Kalvi Nagar, Tiruchengode – 637 215, Tamil Nadu, INDIA

**AUGUST 2021**

## **CERTIFICATE**

This is to certify that the internship training entitle **“Milk production and it's quality testing”** submitted in partial fulfillment for the degree of Bachelor of Science in Biotechnology of the Periyar University under semester system in K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode, a college Re-accredited by NAAC, an ISO 9001:2008 certified institution is a bonafide record of the internship training undergone by **AJITH R (18UBT002)** under our supervision and guidance and we certify that the candidate is successfully completed his/her internship training.



**Signature of HOD**

HEAD, DEPARTMENT OF BIOTECHNOLOGY  
K S Rangasamy College of Arts and Science  
KSR KalviNagar, Tiruchengode-637 215, India



**Signature of Guide**

Ms. L. G. Nandhini, MSc.,  
Assistant professor,  
Department of Biotechnology,  
KSR CAS,  
Tiruchengode 637215.





**NAMAKKAL DISTRICT CO-OPERATIVE MILK  
PRODUCERS' UNION LTD** (Regd. No.: NMR 150)  
GSTIN: 33AAEAN8010C1Z6  
1/1167, PARAMATHY ROAD, E.B.COLONY (PO),  
NAMAKKAL (TK&DT), PIN - 637 001. Email: aavinmkl@gmail.com

**Dr.P.Sundaravadivelu B.V.Sc., M.B.A.,**  
General Manager

Ref.No:0099/Estt/Students Training/2020

Dt. 04.02.2021

## CERTIFICATE

This is to certify that **Thiru. R.AJITH (18UBT002)** 3<sup>rd</sup> Year  
B.Sc. (Bio-Tech) Degree Student of **K.S.RANGASAMY COLLEGE OF ARTS  
AND SCIENCE (AUTONOMOUS) TIRUCHENGODE - 637 215** has  
completed Internship Training at Namakkal District Co-operative Milk Producer's  
Union Ltd., Namakkal from **06.02.2021 to 20.02.2021**.

  
**GENERAL MANAGER**

# **EDIBLE MUSHROOM PRODUCTION**

An Internship report submitted to  
K.S. Rangasamy college of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the degree of

## **BACHELOR OF SCIENCE IN BIOTECHNOLOGY**

To be awarded by Periyar University

Submitted by

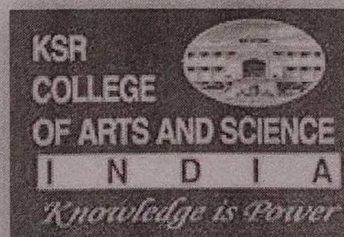
**BABIKA S**

**18UBT004**

Under the Guidance of

**Dr. M. PRASANNA RAJESHKUMAR**

**Associate Professor & Head**



**DEPARTMENT OF BIOTECHNOLOGY**

**K.S. Rangasamy College of Arts and Science (Autonomous)**

NAAC Reaccredited and ISO 9001:2008 Certified Institution

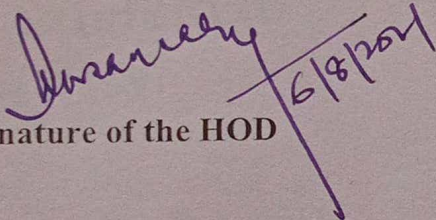
K.S.R Kalvi Nagar, Tiruchengode-637 215,

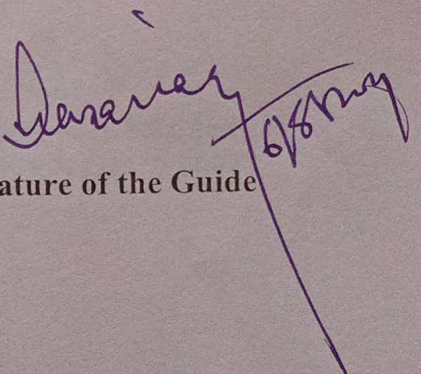
Tamil Nadu, INDIA

**AUGUST 2021**

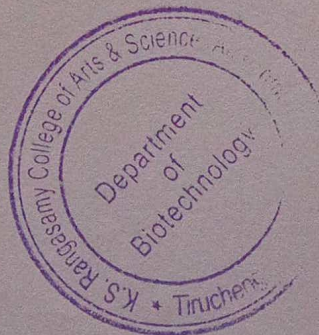
## CERTIFICATE

This is to certify that the internship training report entitled “**Edible Mushroom Production**” submitted in partial fulfillment for the Degree of Bachelor of Science in Biotechnology of the Periyar University under Semester system in K. S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode, a College Re-accredited by NAAC, an ISO 9001:2008 certified institution is a bonafide record of the internship training undergone by **BABIKA S (18UBT004)** under my supervision and guidance and we verify that the candidate is successfully completed the internship training .

  
Signature of the HOD

  
Signature of the Guide

HEAD, DEPARTMENT OF BIOTECHNOLOGY  
K S Rangasamy College of Arts and Science  
KSR KalviNagar, Tiruchengode-637 215, India





**ELIES BIOTECH**<sup>®</sup>  
PRIVATE LIMITED  
Business and Beyond with Microbes



## Certificate

Awarded to

**Ms. BABIKA, S.,**

**Reg. No. 18UBT004**

**Department of Biotechnology,**

**K.S.RANGASAMY COLLEGE OF ARTS & SCIENCE (Autonomous),**

**(NAAC Accredited, ISO Certified Institution & Included in 2(f) & 12(B) of UGC Act, 1956)**

**K.S.R. Kalvi Nagar, Tiruchengode – 637215, Namakkal District, Tamil Nadu.**

*ELIES BIOTECH PRIVATE LIMITED Food and Agricultural Biotechnology Products certify that the Biochemistry and Microbiological skills and technical requirements covering the scope of the Project Internship training has been evaluated after the successful completion of the Short-term Project work from 02.02.2021 to 20.02.2021 and found GOOD to be in accordance with the curriculum of Bachelor degree program.*

### SCOPE OF TRAINING

Mushroom Cultivation Technology – Spawn Tissue Culture and Fruiting Bodies  
Effective Microorganisms (EM) Preparations – Integrated Organic Agricultural Farming  
Single Cell Protein – Spirulina Cultivation strategies'  
Basics of Quality Standards – ISO 22000, FSMS  
Entrepreneurial Development opportunities – Life / Biological sciences

**Number of Training Days: 20 Days      Approval Date: 01, February 2021**

To check this certificate details please call: +91 994 2921 613

Further clarifications regarding the scope of this certificate and applicability of the study program requirements may be obtained by consulting the Organization.

**Certificate Number: F7/KSRCAS/2021-01**

**Date: 25.02.2021**



**Dr. ARAVINDH Selvaraj, M.Sc., Ph.D.,**  
Course Coordinator

**Mrs. K. INDUMATHY M.Sc., (Ph.D.,)**  
Managing Director

\*\*\*\*\*

Reg. Office Address: No.40/13-A, Tharakadu, Subramaniyam Nagar, Veerappam Palayam, Thindal Post,  
Erode – 638 012. Tamil Nadu, India. [eliesbiotech@gmail.com](mailto:eliesbiotech@gmail.com); [www.eliesbiotech.page4.me](http://www.eliesbiotech.page4.me)

# **BIOCHEMICAL ANALYSIS OF DIFFERENT FLAVOURS OF SOFT DRINKS**

An Internship report submitted to

K.S. Rangasamy College of Arts and Science (Autonomous)

In partial fulfillment of the requirement for the degree of

**BACHELOR OF SCIENCE IN BIOTECHNOLOGY**

To Be Awarded By Periyar University

Submitted by

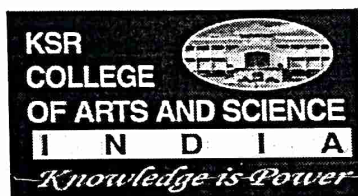
**B. BALACHANDIRAN**

18UBT005

**UNDER THE GUIDENCE OF**

**Ms.K. Yamuna**

Assistant Professor



**DEPARTMENT OF BIOTECHNOLOGY**

K.S. Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and ISO 9001:2008 Certified Institution

K.S.R Kalvi Nagar, Tiruchengode-637 215,

Tamil Nadu, INDIA

**AUGUST 2021**

**CERTIFICATE**

*internship report*

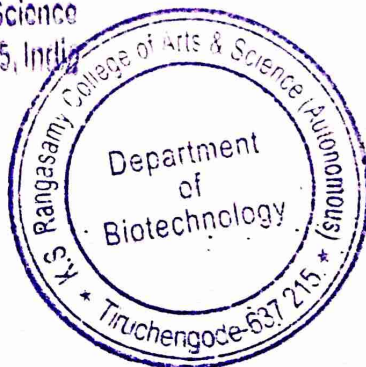
This is to certify that the ~~dissertation~~ entitled "BIOCHEMICAL ANALYSIS OF DIFFERENT FLAVOURS OF SOFT DRINKS" submitted in partial fulfillment for the Degree of Bachelor of Science in Biotechnology of the Periyar University under Semester system in K. S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode, a College Re-accredited by NAAC, an ISO 9001:2008 certified institution is a bonafide record of the project work carried out by BALACHANDIRAN B (18UBT005) under my supervision and guidance and I certify that the work is original.

**PLACE: Tiruchengode**

**DATE: 09.08.2021**

*Yamuna*  
Signature of the HOD 9/8/2021

HEAD, DEPARTMENT OF BIOTECHNOLOGY  
K S Rangasamy College of Arts and Science  
KSR Kalvi Nagar, Tiruchengode-637 215, India



*Ms. K. Yamuna*

Signature of the Guide

Ms. K. Yamuna, M.Sc., MPhil.,  
Assistant professor  
Department of biotechnology  
KSRCAS  
Tiruchengode





**TO WHOM IT MAY CONCERN**

This is to certify that **BALACHANDIRAN.B** (Reg. No. 18UBT005) studying B.SC BIOTECHNOLOGY student of **K.S.RANGASAMY COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**. Had undergone internship work in this organization for the period from **(29.1.2021 to 12.02.2021)** and completed the training successfully.

During the period his performance was good.

For **PODARAN FOODS INDIA PRIVATE LIMITED**

**AUTHORISED SIGNATORY**

**Podaran Foods India Private Limited**

D: NO 6/110-8 Melapalayam, Kaspalalayakottai (Post)  
Nathakadaiyur, Kangayam - 638108 Tirupur (Dist)  
M: +91 944 21 700 00 / +91 995 23 777 77  
md@podaranfoods.com

[www.podaranfoods.com](http://www.podaranfoods.com)