



**CENTRAL SERICULTURAL RESEARCH AND TRAINING INSTITUTE**  
 CENTRAL SILK BOARD, MINISTRY OF TEXTILES, GOVT. OF INDIA  
 MYSURU- 570008, KARNATAKA, INDIA

**CERTIFICATE**

This is to certify that the dissertation entitled “**Expression of defensive enzymes in the haemolymph of bacteria infected silkworm (*Bombyx mori*)**” is a research work done by **Ms. P. SAHANA** (UUCMS No. P01BE22S020001) Postgraduate Student, Division of Biochemistry, Department of Biochemistry, **JSS College Arts, Commerce and Science Ooty Road, Mysuru** under my guidance in partial fulfillment of the requirement for the degree of master of science in Biochemistry. Further to certify that this dissertation work has not been the basis for the award of any degree, diploma, associateship and similar title.

Date: 11-07-2024

Place: Mysuru

*N. Chandrakanth*  
 Dr. Chandrakanth N

Scientist- D

Bivoltine Breeding Lab

वैज्ञानिक-डी/Scientist-D

श्रीरम कृष्ण प्रयोगशाला

BIVOLTINE BREEDING LABORATORY

के.टी.ए. सिल्क बोर्ड, कर्नाटक सरकार, मंत्रालय

Central Sericultural Research and Training Institute

के.टी.ए. सिल्क बोर्ड, कर्नाटक सरकार

Mysuru/Karnataka



CENTRAL SERICULTURAL RESEARCH AND TRAINING INSTITUTE  
CENTRAL SILK BOARD, MINISTRY OF TEXTILES, GOVT. OF INDIA  
MYSURU - 570008, KARNATAKA, INDIA

### CERTIFICATE

This is to certify that the dissertation entitled "Biochemical analysis of defensive enzymes in thermo-tolerant and thermo-susceptible silkworm breeds under thermal stress" is a research work done by SANKEERTH UK (UUCMS. No. P01BE22S020002) Postgraduate Student, Division of Biochemistry, Department of Biochemistry, JSS College Arts, Commerce and Science Ooty Road, Mysuru under my guidance in partial fulfillment of the requirement for the degree of master of science in Biochemistry. Further to certify that this dissertation work has not been the basis for the award of any degree, diploma, associateship and similar title.

Date: 11-07-2024

Place: Mysuru

Dr. Chandrakanth N

Scientist-D

Bivoltine Breeding Lab

ಶಿಕ್ಷಣಿಕ - ವಿಜ್ಞಾನಿ-ಡಿ

ಬಿವೋಲೈನ್ ಪೋಷಣೆ ಲ್ಯಾಬೊರೇಟರಿ

BIVOLTINE BREEDING LABORATORY

ಕೇಂದ್ರೀಯ ಜೀವ ವಿಜ್ಞಾನ ಸಂಶೋಧನೆ ಮತ್ತು ತರಬೇತಿ ಸಂಸ್ಥೆ

Central Sericultural Research and Training Institute

ಕೇಂದ್ರೀಯ ಜೀವ ವಿಜ್ಞಾನ ಸಂಶೋಧನೆ ಮತ್ತು ತರಬೇತಿ ಸಂಸ್ಥೆ

Mysuru/Mysuru - 570008

# केन्द्रीय रेशम उत्पादन अनुसंधान एवं प्रशिक्षण संस्थान

## Central Sericultural Research & Training Institute

[केन्द्रीय रेशम बोर्ड - वस्त्र मंत्रालय - भारत सरकार / Central Silk Board -Min. of Textiles - Govt. of India]

मानदवाड़ी रोड, श्रीरामपुरा / Manandavadi Road, Srirampura, मैसूर / Mysore - 570 008

### CERTIFICATE BY THE GUIDE

This is to certify that project entitled 'EFFECT OF DROUGHT TOLERANT BACTERIA ON MULBERRY UNDER DROUGHT CONDITION' submitted by Ms. Bhavana D P, in the partial fulfillment for the award of M. Sc. in Biochemistry degree of JSS College of Arts, Commerce and Science, Mysore based on the studies carried out by her during the period from March to June 2024 under my guidance and supervision. It is further certified that this dissertation or any part of the thesis has not been submitted elsewhere for any other degree. The results of this research work are not to be published by the candidate or anyone else without the specific permission of the undersigned.

Date: 11/07/2024

Place: Mysore

*Divya Singh*

(Dr. DIVYA SINGH)

वैज्ञानिक - सी / SCIENTIST-C  
शहतूत शरीरक्रिया विज्ञान प्रयोगशाला  
MULBERRY PHYSIOLOGY LABORATORY  
केन्द्रीय रेशम उत्पादन अनुसंधान एवं प्रशिक्षण संस्थान  
CENTRAL SERICULTURAL RESEARCH  
AND TRAINING INSTITUTE  
मैसूर / MYSORE - 570 008



## MICRO LABS LIMITED

PLOT NO. 121 TO 124, KIADB, BOMMASANDRA - JIGANI LINK ROAD, ANEKAL TALUK, BENGALURU - 560 099.  
TEL: 080 - 27830033 & 27 8 33


Date: 21.06.2024

### CERTIFICATE

This is to certify that Mr. Harsha K M, Reg No P01BE22S020004 is a student of "JSS College of Arts Commerce and Science" Ooty Road Mysuru. He is pursuing II Year MSc Biochemistry and has undergone Industrial training from 21.03.2024 to 21.06.2024 under the guidance of Mr. Mantosh Kumar Sharma - General Manager Quality Assurance in our factory.

We wish him best of luck in his future endeavors.

For MICRO LABS LTD

  
Mantosh Kumar Sharma  
General Manager - Quality Assurance

## INTERNSHIP CERTIFICATE

Date: 09/07/2024

### To Whom It May Concern

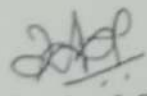
This is to certify that Mr. YASHAS H C, student of II MSc Bio-chemistry, JSS college of arts, commerce & science Ooty road, Mysuru (AUTONOMOUS) affiliated to University of Mysore, has successfully completed an internship in the field of Food testing, Sewage water treatment and Pharma Laboratory from 21/MARCH/2024 to 08/JUNE/2024 under guidance of Technical Manager.

During the period of his internship program with us, he had been exposed to different processes and was found diligent, sincere and inquisitive.

We are lucky to have him as one of our interns and would like to wish him all the best for his future.

Sincerely,

Bangalore Analytical Research Center Pvt Ltd.,



Authorized Signature

Director



14-06-2024


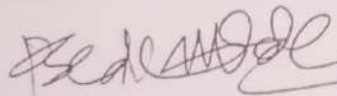
## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Shashank M. B. with USN – P01B22S0220006 from JSS College of Arts, Commerce and Science, Ooty Road, Mysuru worked in Vipragen Biosciences Pvt. Ltd, Mysuru as Research Intern for Internship in the area of Toxicology Department.

The candidate has observed the projects under Toxicology department at Vipragen Biosciences Pvt. Ltd from March 2024 to June 2024.

All the best for your future endeavors!

Kind regards,



Dr. Pradeep Takawale  
Test Facility Management



# Supreem Pharmaceuticals Mysore Pvt Ltd

# 73, 74 & 48P - 1, KIADB Industrial Area, Nanjangud - 571 302. INDIA

Ph : 08221-224483 & 84

E-mail : info@supreempharma.in, marketing@supreempharma.in, Purchase@supreempharma.in

website : www.supreempharma.in

SPMPL/877/2024

08.07.2024

## INTERNSHIP CERTIFICATE

*This is to certify that Mr. Vinay A R, II Year Post Graduate Studies in MSc Biochemistry, JSS College of Arts, Science & Commerce, Mysore has completed his internship at Supreem Pharmaceuticals Mysore Pvt Ltd., from 21<sup>st</sup> March 2024 to 8<sup>th</sup> June 2024.*

*His performance in this company was found to be punctual, hardworking and inquisitive.*

*We wish him every success in life.*

**For Supreem Pharmaceuticals Mysore Pvt Ltd.,**

  
**HR Department**



ಮೈಸೂರು ಜಿಲ್ಲಾ ಸಹಕಾರಿ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಟ ನಿ.

Mysore District Co-Operative Milk Producers' Societies Union Ltd.



No.467: Admn:2024

Date: 20.06.2024

### CERTIFICATE

This is to certify that Ms.Harshitha.V, USN No:P01BE22S020008 studying M.Sc Biochemistry in JSS College of Arts, Commerce and Science, Mysuru has done internship from 27.03.2024 to 15.06.2024 in our Union successfully.

We wish her all the very best for her future endeavors.

**Assistant Manager (Admin)**

**Assistant Manager (Admin)**  
Mysuru Dist. Co-operative Milk  
Producers Societies Union Ltd.,  
Mysuru-570 028

ಮೆಗಾ ಡೈರಿ ಸಂಕೀರ್ಣ, ಬನ್ನೂರು ರಸ್ತೆ, ಆಲನಹಳ್ಳಿ ಅಂಚೆ, ಮೈಸೂರು - 570 028

Mega Dairy Complex, Bannur Road, Alanahalli Post, Mysuru - 570 028

Ph : 0821-2473923, 2473933, Fax : 0821-2472797, 2474476

E-mail : mdmymul@gmail.com, purmymul@gmail.com, mismymul@gmail.com, mymuladm@gmail.com, Website : www.mymul.coop





## Zeus Biotech Private Limited

(A GMP, ISO 22000:2018, ISO 9001:2015, HACCP, HALAL & WASH Certified Company)  
CIN-U85110KA1991PTC011846, GSTIN-29AAAACZ0569N3ZM  
Administrative Office | Registered Office  
A115, Industrial Estate, Hebbal, Mysore - 570016, INDIA. | 18 & 19, Belagola Food Industrial Area, Metagalli, Mysore - 570016, INDIA.  
Tel: +91-821-2540144, 2581003, Fax: +91-821-2516819.  
E-mail: info@zeusbiootech.com Website: www.zeusbiootech.com

29<sup>th</sup> June 2024

### CERTIFICATE

This is to certify that the work entitled "Screening and Characterization of Bioactives and Antioxidant Activities from Selected Herbs for Antimicrobial Activity", research work conducted by Ms. Chaithra K. M (Registered Number : P01BE22S020009), under my guidance and supervision during 21<sup>st</sup> March 2024 to 29<sup>th</sup> June 2024 for the partial fulfilment of her degree of Master of Science in Biochemistry, Postgraduate Department of Biochemistry, JSS Collect of Arts, Commerce and Science, Ooty Road, Mysuru. This work was carried out at the Zeus Biotech Pvt. Ltd., Research and Development unit, Mysore, the research data should be maintained confidential and inform us for any further correspondence.

Regards,

For ZEUS BIOTECH PRIVATE LIMITED

DR. ARUNCHAND R  
HEAD - QUALITY & RESEARCH



Biotechnology for Animal Health™





## EUROFINS ANALYTICAL SERVICES INDIA PVT. LTD.

[foodindia@eurofins.com](mailto:foodindia@eurofins.com), [www.eurofins.in](http://www.eurofins.in), CIN: U73100KA2009PTC049992

Date: - 28<sup>th</sup> June 2024

### To Whom so ever It May Concern

This is to certify that **Ms. Sharanya Shetty** student of JSS college, Mysore has successfully completed 3 months internship program at Eurofins Analytical Services India Pvt. Ltd.

She has completed her internship in our **Chemistry Department**. The internship has started from 23<sup>rd</sup> March 2024 at our Bangalore office.

We wish her all the best for her future endeavors.

**For Eurofins Analytical Services India Pvt. Ltd**

A handwritten signature in blue ink, appearing to be "Sheela S", written over a faint horizontal line.

**Sheela S**  
Manager – HRBP

### **Eurofins Analytical Services India Private Limited**

#540/1, Doddanakundi Industrial I Area 2, Hoodi, Whitefield, Bengaluru 560048, Karnataka, India, Tel: +91 80 30982500,  
Fax: +91 80 41680405 Email: [enquiry@eurofins.com](mailto:enquiry@eurofins.com), Website: [www.eurofins.in](http://www.eurofins.in), CIN: U73100KA2009PTC049992

# EUROFINS ANALYTICAL SERVICES INDIA PVT. LTD.

[foodindia@eurofins.com](mailto:foodindia@eurofins.com), [www.eurofins.in](http://www.eurofins.in), CIN: U73100KA2009PTC049992

Date: - 27<sup>th</sup> June 2024

## To Whom so ever It May Concern

This is to certify that **Mr. Nandan Kumar K R** student of JSS college, Mysore has successfully completed 3 months internship program at Eurofins Analytical Services India Pvt. Ltd.

He has completed his internship in our **Inorganic Department**. The internship has started from 21<sup>st</sup> March 2024 at our Bangalore office.

We wish him all the best for his future endeavors.

**For Eurofins Analytical Services India Pvt. Ltd**



**Sheela S**  
**Manager – HRBP**

**Eurofins Analytical Services India Private Limited**

#540/1, Doddanakundi Industrial I Area 2, Hoodi, Whitefield, Bengaluru 560048, Karnataka, India, Tel: +91 80 30982500,  
Fax: +91 80 41680405 Email: [enquiry@eurofins.com](mailto:enquiry@eurofins.com), Website: [www.eurofins.in](http://www.eurofins.in), CIN: U73100KA2009PTC049992



UNITED BREWERIES LIMITED

Date: 08<sup>th</sup> July 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Chethan H C (Register Number: P01BE22S020012), has been completed his internship programme from 21.03 2024 to 29.06.2024 at our organization successfully.

During his internship, He had taken good initiative and interest to learn Organization. He has obtained necessary information and completed Internship.

His Conduct during Internship was found satisfactory.

We wish him all the best in his future endeavors.

Thanking you,

**For United Breweries Limited.,**

Niel Vincent  
Unit HR- Head

Brewery : Thandya Industrial Area, Nanjangud Taluk, Mysore Dist - 571 302 Tel : 0821 - 3928216

Regd. Off : United Breweries Limited, UB City, 24, Vittal Mallya Road, Bangalore - 560 001, Karnataka, India.

Website : [www.unitedbreweries.com](http://www.unitedbreweries.com) | E-mail : [ublcorporate@ubmail.com](mailto:ublcorporate@ubmail.com) | Corporate ID No. : L36999KA1999PLC025195

## EUROFINS ANALYTICAL SERVICES INDIA PVT. LTD.

[foodindia@eurofins.com](mailto:foodindia@eurofins.com), [www.eurofins.in](http://www.eurofins.in), CIN: U73100KA2009PTC049992

Date: - 27<sup>th</sup> June 2024

### To Whom so ever It May Concern

This is to certify that **Mr. L P Bharath** student of JSS college, Mysore has successfully completed 3 months internship program at Eurofins Analytical Services India Pvt. Ltd.

He has completed his internship in our **Inorganic Department**. The internship has started from 21<sup>st</sup> March 2024 at our Bangalore office.

We wish him all the best for his future endeavors.

**For Eurofins Analytical Services India Pvt. Ltd**



**Sheela S**  
Manager – HRBP

### **Eurofins Analytical Services India Private Limited**

#540/1, Doddanakundi Industrial I Area 2, Hoodi, Whitefield, Bengaluru 560048, Karnataka, India. Tel: +91 80 30982500,  
Fax: +91 80 41680405 Email: [enquiry@eurofins.com](mailto:enquiry@eurofins.com), Website: [www.eurofins.in](http://www.eurofins.in), CIN: U73100KA2009PTC049992



ಚಾಮರಾಜನಗರ ಜಿಲ್ಲಾ ಸಹಕಾರಿ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಟ ನಿ.  
Chamarajanagar Dist. Co-operative Milk Producer's Societies Union Ltd.



No.204: Chamul: Admin: 2024

Date 25.06.2024

## CERTIFICATE

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dhananjay Kumar G student studying Second Year Master of Science (MSc) at JSS College of Arts, Commerce and Science, Ooty road, Mysuru has done the "Project Work" practice in our organization from 21.03.2024 to 08.06.2024.

Manager (Admin)  
Manager (Admin)

Chamarajanagar Dist. Co-op  
Milk Union Ltd., Kuderu  
Chamarajanagar-571 316



ಕುದೇರು ಗ್ರಾಮ ಮತ್ತು ಅಂಚೆ, ಸಂತೇಮರಳ್ಳಿ ಹೋಬಳಿ, ಚಾಮರಾಜನಗರ-571 316.

Kuderu Village & Post, Santhemarahalli Hobli, Chamarajanagar - 571 316

E-mail : admnchamul@gmail.com, purchamul@gmail.com, chamulmis@gmail.com

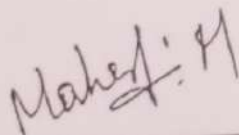
Ph : 08226 234848 Website : www.chamul.co.in

Ref. No. AB/CF/1201 /24

Date: 8<sup>th</sup> Jul 2024

## CERTIFICATE

*This is to certify that Ms. Shreya Katti a student of M.Sc., (Biochemistry) JSS College of Arts, Commerce and Science (Autonomous) Ooty Road, Mysuru has successfully completed Dissertation work entitled "Effect of Nitrogen source for the Production of L-Asparaginase from the soil Microbe" from 21<sup>st</sup> Mar 2024 to 6<sup>th</sup> Jul 2024 at Azyme Biosciences Pvt Ltd, Bengaluru.*



Mahesh. M  
CEO





# Supreem Pharmaceuticals Mysore Pvt Ltd

# 73, 74 & 48P - 1, KIADB Industrial Area, Nanjangud - 571 302, INDIA

Ph : 08221-224483 & 84

E-mail : info@supreempharma.in, marketing@supreempharma.in, Purchase@supreempharma.in

website : www.supreempharma.in

SPMPL/ 878 /2024

08.07. 2024


## INTERNSHIP CERTIFICATE

*This is to certify that Mr. Chandrashekar C S, II Year Post Graduate Studies in MSc Biochemistry, JSS College of Arts, Science & Commerce, Mysore has completed his internship at Supreem Pharmaceuticals Mysore Pvt Ltd., from 21<sup>st</sup> March 2024 to 8<sup>th</sup> June 2024.*

*His performance in this company was found to be punctual, hardworking and inquisitive.*

*We wish him every success in life.*

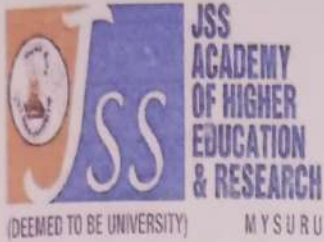
*For Supreem Pharmaceuticals Mysore Pvt Ltd.,*

  
HR Department

MANUFACTURERS OF COATED VITAMINS







**DIVISION OF BIOCHEMISTRY**  
**SCHOOL OF LIFE SCIENCE, MYSURU**  
**JSS Academy of Higher education and Research**  
(Deemed to be University)  
Accredited "A" Grade by NAAC

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**CERTIFICATE BY THE GUIDE**

This is to certify that this dissertation entitled "**Preliminary toxicity studies of metal in *Drosophila melanogaster* model**" is a bonafide research work done by **Ms. Mallika**, (UUCMS No:P01BE22S020017) Postgraduate student, Division of Biochemistry, JSS College Arts, Commerce and Science Ooty Road Mysuru, under my guidance in partial fulfilment of the requirement for the degree of **Master of Science in Biochemistry**.

Date: 08/07/2024

Place: Mysuru

**Dr. J R Kumar,**  
Assistant Professor,  
Division of Biochemistry  
JSS Academy of Higher Education & Research,  
Mysuru – 570015

**Dr. J.R. KUMAR, M.Sc., Ph.D.,**  
Assistant Professor  
Division of Biochemistry  
Faculty of Life Sciences  
JSS Academy of Higher Education & Research  
MYSURU-570 015



UNITED BREWERIES LIMITED

Date: 08<sup>th</sup> July 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Nandan R (Register Number: P01BE22S020018), has been completed his internship programme from 21.03.2024 to 29.06.2024 at our organization successfully.

During his internship, He had taken good initiative and interest to learn Organization. He has obtained necessary information and completed Internship.

His Conduct during Internship was found satisfactory.

We wish him all the best in his future endeavors.

Thanking you,

For United Breweries Limited.,

Niel Vincent  
Unit HR- Head

Brewery : Thandya Industrial Area, Nanjangud Taluk, Mysore Dist - 571 302 Tel : 0821 - 3928216

Regd. Off : United Breweries Limited, UB City, 24, Vittal Mallya Road, Bangalore - 560 001, Karnataka, India.

Website : [www.unitedbreweries.com](http://www.unitedbreweries.com) | E-mail : [ublcorporate@ubmail.com](mailto:ublcorporate@ubmail.com) | Corporate ID No. : L36999KA1999PLC025195



ಚಾಮರಾಜನಗರ ಜಿಲ್ಲಾ ಸಹಕಾರಿ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಟ ನಿ.  
Chamarajanagar Dist. Co-operative Milk Producer's Societies Union Ltd.



No.204: Chamul: Admin: 2024

Date 26.06.2024

**CERTIFICATE**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mohammed Adnan student studying Second Year Master of Science (MSc) at JSS College of Arts, Commerce and Science, Ooty road, Mysuru has done the "Project Work" practice in our organization from 21.03.2024 to 08.06.2024.

Manager (Admin)  
Manager ( Admin )  
Chamarajanagar Dist. Co-op  
Milk Union Ltd., Kuderu  
Chamarajanagar-571 316



ಕುದೇರು ಗ್ರಾಮ ಮತ್ತು ಅಂಚೆ, ಸಂತೇಮರಳ್ಳಿ ಹೋಬಳಿ, ಚಾಮರಾಜನಗರ-571 316.  
Kuderu Village & Post, Santhemarahalli Hobli, Chamarajanagar - 571 316  
E-mail : admnchamul@gmail.com, purchamul@gmail.com, chamulmis@gmail.com  
Ph : 08226-234848 Website : www.chamul.co.in



# HINDUSTAN FOODS LIMITED

A Vanity Case Group of Company

A Government Recognised Star Export House

**Registered Office** : Office No. 3, Level-2, Centrium Phoenix Market City,  
15, Lal Bahadur Shastri Road, Kurla (West), Mumbai, Maharashtra, India. 400 070.

Email: [business@thevanitycase.com](mailto:business@thevanitycase.com) Website: [www.hindustanfoodslimited.com](http://www.hindustanfoodslimited.com)

Tel. No. +91-2269801700 / 01 CIN : L15139MH1984PLC316003

Date: 21<sup>st</sup> June - 2024

To,  
Ms. Shrushmitha I.V.  
M.Sc Biochemistry,  
JSS College of Arts , Commerce & Science,  
Ooty Road , Mysore – 570025

## Internship Completion Certificate

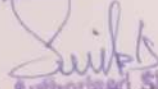
This is certify that Ms. Shrushmitha I.V. had completed her three month of “**INTERNSHIP**” in “**Quality Assurance**” department from 21-03-2024 to 21-06-2024, during her tenure she had engaged in her learning towards the process of **QA/QC** and had done her best

We wish you all the success and fruitful association with us.

With Best Regards,

For Hindustan Foods Limited

For HINDUSTAN FOODS LTD

  
Authorized Signature

Srikanth NR  
Manager – HR

**VANITYCASE**  
Integrity Initiative Innovation

Plot No. 11B & 11C, KIADB Industrial Area, Nanjangud - 571 302, District Mysuru, Karnataka

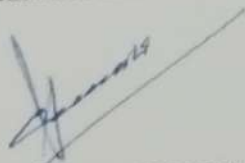
Date: 15.06.2024

Certificate of Internship Programme

This certificate is awarded to Miss.Ranjitha S R for Completion of Internship Programme at Bangalore Pharmaceutical and Research Laboratory Pvt Ltd in the following departments Store, Production, Packing, QA & QC, from date 01.04.2024 to 15.06.2024.

She found to be hard working, sincere and diligent etc. We wish her all the best for future.

For BANGALORE PHARMACEUTICAL  
& RESEARCH LABORATORY PVT LTD



AUTHORISED SIGNATORY



26<sup>th</sup> June 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Bhavani S is a bonafide student of JSS College of Arts, Commerce and Science and she is pursuing her MSC.

As part of her course curriculum, she has undergone internship in our premises from 29<sup>th</sup> March 2024 to 21<sup>st</sup> June 2024. We also confirm that she has fulfilled her obligation to the project work entitled Quality Control department.

During her project period, we found her to be sincere and wish very best for her future.

This certificate is issued on her request.

**Your Sincerely  
For Cipla Ltd.**



**Rahul Parasar  
Site HR Head**

GRAMS : RAKSHAKHADYA  
PHONE : 91-0821-257 9003  
91-0821-247 3783  
FAX : 91-0821-247 3468  
91-0821-247 3568  
E-mail : director@dfrl.drdo.in



भारत सरकार, रक्षा मंत्रालय  
GOVERNMENT OF INDIA, MINISTRY OF DEFENCE  
रक्षा अनुसंधान तथा विकास संगठन  
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रक्षा खाद्य अनुसंधान प्रयोगशाला  
DEFENCE FOOD RESEARCH LABORATORY  
सिद्धार्थ नगर, मैसूरु / SIDDARTHANAGAR, MYSURU - 570 011  
कर्नाटक, भारत / KARNATAKA, INDIA

ISO 9001 : 2015 & 22000 : 2018 Certified Lab

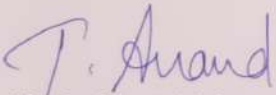
### CERTIFICATE

This is to certify that this dissertation work entitled "Extraction and Detection of Three Groups of Antibiotic Residues from Meat Samples" submitted in partial fulfillment of the requirements for the award of Masters of Science in Biochemistry, JSS College of Arts, Commerce and Science (Autonomous), Ooty Road, Mysuru, is record of bonafide research work carried out by Ms. MEGHANA R (P01BE22S020023) in Nutrition, Biochemistry & Toxicology Division, Defence Food Research Laboratory, Mysuru from March 2024 to June 2024, under the guidance of Dr. Mahantesh M Patil, Scientist 'D' and no part of this dissertation has been submitted for the award of any other degree/diploma/fellowship or other similar titles and this work has not been published in partial or fulfillment in scientific/ popular/ magazine.

IPR generated under this work has been jointly assigned to the student and DFRL, Mysuru, equally, the expenses for obtaining and maintaining IPR have been borne equally. The authorship(s) pertaining to any invention and the publication of research papers shall be determined by DRDO-DFRL, Mysuru, where the research work was planned and carried out.

Date: 10.07.2024

Place: Mysuru

  
Head of the Division


Dr. T. Anand  
Scientist 'F'

डा. टी. आनंद / Dr. T. ANAND  
प्रमुख, पोषण जैवरसायन एवं विषविज्ञान विभाग  
Head Nutrition, Biochemistry & Toxicology Division  
रक्षा खाद्य अनुसंधान प्रयोगशाला  
Defence Food Research Laboratory  
सिद्धार्थ नगर, मैसूरु-570 011  
Siddartha Nagar, MYSURU-570 011

  
Guide

Dr. Mahantesh M Patil  
Scientist 'D'

Dr. M. M. PATIL, M.V.Sc.  
Scientist  
Defence Food Research Laboratory  
Ministry of Defence  
Siddarthanagar, MYSORE-11

  
Counter Signature

Head (HRD)  
डॉ. आर कुमार / Dr. R. KUMAR  
वैज्ञानिक 'जी' एवं प्रमुख (एच आर डी) / Scientist 'G' & Head (HRD)  
रक्षा खाद्य अनुसंधान प्रयोगशाला / Defence Food Research Laboratory  
डॉ आर डी ओ, रक्षा मंत्रालय / DRDO, Min. of Defence  
भारत सरकार / Govt. of India  
मैसूरु-५७० ०११ / MYSURU-570 011



26<sup>th</sup> June 2024

**TO WHOMSOEVER IT MAY CONCERN**

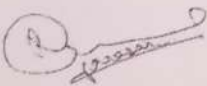
This is to certify that Ms. Keerthi A P is a bonafide student of JSS College of Arts, Commerce and Science and she is pursuing her MSC.

As part of her course curriculum, she has undergone internship in our premises from 29<sup>th</sup> March 2024 to 21<sup>st</sup> June 2024. We also confirm that she has fulfilled her obligation to the project work entitled Quality Control Department.

During her project period, we found her to be sincere and wish very best for her future.

This certificate is issued on her request.

**Your Sincerely  
For Cipla Ltd.**



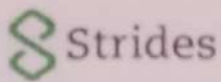
**Rahul Parasar  
Site HR Head**

**Cipla Ltd.**

Plot No. 285, 286 & 287, Bommasandra-Jigani Link Road Industrial Area, KIADB 4th Phase, Jigani Post, Bangalore - 560 105.  
P +91 80 22059200 F +91 80 22059220 E-Mail adminbms@cipla.com

Regd. Office - Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013, India  
P +91 22 24826000 F +91 22 24826120 W www.cipla.com E-Mail contactus@cipla.com Corporate Identity Number L24239MH1935PLC002380





Ref: SPSL/HR/06/2024

Date: 14/06/2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Vaishak B G** student of **JSS College of Arts, Commerce and Science, Ooty road, Mysore**, pursuing **MSc in Biochemistry**, has completed the training in our organisation from **21-03-2024 to 14-06-2024**. He has undergone training in our **Analytical Services Department**.

During this period, we found him to be good in conduct and learning.

We wish him all the best in his future endeavors.

With best regards to you,

**For STRIDES PHARMA SCIENCE LTD,**

A handwritten signature in blue ink that reads 'Sangeeta'.

**Sangeeta Pillai**  
**DGM – Human Resources**



# Supreem Pharmaceuticals Mysore Pvt Ltd

# 73, 74 & 48P - 1, KIADB Industrial Area, Nanjangud - 571 302. INDIA

Ph : 08221-224483 & 84

E-mail : info@supreempharma.in, marketing@supreempharma.in, Purchase@supreempharma.in  
website : www.supreempharma.in

SPMPL/880/2024

08.07.2024

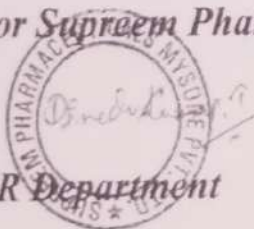
## INTERNSHIP CERTIFICATE

*This is to certify that Ms. Nagashree M C, II Year Post Graduate Studies in MSc Biochemistry, JSS College of Arts, Science & Commerce, Mysore has completed her internship at Supreem Pharmaceuticals Mysore Pvt Ltd., from 21<sup>st</sup> March 2024 to 8<sup>th</sup> June 2024.*

*Her performance in this company was found to be punctual, hardworking and inquisitive.*

*We wish her every success in life.*

*For Supreem Pharmaceuticals Mysore Pvt Ltd.,*



*HR Department*



## Zeus Biotech Private Limited

(A GMP, ISO 22000:2018, ISO 9001:2015, HACCP, HALAL & WASHI Certified Company)

CIN-UB5110KA1991PTC011846, GSTIN-29AAACZ0569N3ZM

Administrative Office:

A115, Industrial Estate, Hebbal,  
Mysore - 570016, INDIA.

Registered Office:

18 & 19, Belagola Food Industrial Area,  
Metagalli, Mysore - 570016, INDIA.

Tel: +91-821-2540144, 2581003, Fax: +91-821-2516819.

E-mail: info@zeusbiootech.com Website: www.zeusbiootech.com

29<sup>th</sup> June 2024

### CERTIFICATE

This is to certify that the work entitled “Screening and Characterization of Bioactives and Antioxidant Activities from Selected Herbs for Antimicrobial Activity”, research work conducted by Ms. Ohelika B. V (Registered Number : P01BE22S020027), under my guidance and supervision during 21<sup>st</sup> March 2024 to 29<sup>th</sup> June 2024 for the partial fulfilment of her degree of Master of Science in Biochemistry, Postgraduate Department of Biochemistry, JSS Collect of Arts, Commerce and Science, Ooty Road, Mysuru. This work was carried out at the Zeus Biotech Pvt. Ltd., Research and Development unit, Mysore, the research data should be maintained confidential and inform us for any further correspondence.

Regards,

For ZEUS BIOTECH PRIVATE LIMITED

DR. ARUNCHAND R  
HEAD - QUALITY & RESEARCH



Biotechnology for Animal Health™





# HINDUSTAN FOODS LIMITED

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A Government Recognised Star Export House

**Registered Office :** Office No. 3, Level-2, Centrium Phoenix Market City,  
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Email: [business@thevanitycase.com](mailto:business@thevanitycase.com) Website: [www.hindustanfoodslimited.com](http://www.hindustanfoodslimited.com)

Tel. No. +91-2269801700 / 01 CIN : L15139MH1984PLC316003

Date :21<sup>st</sup> June - 2024

To,  
Ms.LathaKashi K.S.  
M.Sc Biochemistry,  
JSS College of Arts , Commerce & Science,  
Ooty Road , Mysore – 570025

## Internship Completion Certificate

This is certified that Ms.LathaKashi K.S. had completed her three month of "INTERNSHIP" in "Quality Assurance" department from 21-03-2024 to 21-06-2024, during her tenure she had engaged in her learning towards the process of QA/QC and had done her best

We wish you all the success and fruitful association with us.

With Best Regards,

**For Hindustan Foods Limited**

  
Authorized Signature

**Srikanth NR**  
Manager – HR



GRAMS : RAKSHAKHADYA  
PHONE : 91-0821-257 9003  
91-0821-247 3783  
FAX : 91-0821-247 3468  
91-0821-247 3568  
E-mail : director@dfrl.drdo.in



भारत सरकार, रक्षा मंत्रालय  
GOVERNMENT OF INDIA, MINISTRY OF DEFENCE  
रक्षा अनुसंधान तथा विकास संगठन  
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  
रक्षा खाद्य अनुसंधान प्रयोगशाला  
DEFENCE FOOD RESEARCH LABORATORY  
सिद्धार्थ नगर, मैसूरु / SIDDARTHANAGAR, MYSURU - 570 011  
कर्नाटक, भारत / KARNATAKA, INDIA

ISO 9001 : 2015 & 22000 : 2018 Certified Lab

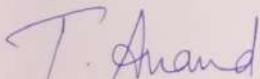
### CERTIFICATE

This is to certify that this dissertation work entitled "Composition Analysis and Bioaccessibility of Thiamine, Riboflavin and Niacin in Selected Ready-To-Eat Food Products" submitted in partial fulfillment of the requirements for the award of Masters of Science in Biochemistry, JSS College of Arts, Commerce and Science (Autonomous), Ooty Road, Mysuru, is a record of bonafide research work carried out by Ms. Shreya Ashok Bhandari (P01BE22S020029) in Nutrition, Biochemistry and Toxicology Division, Defence Food Research Laboratory, Mysuru from March 2024 to June 2024 under the guidance of Dr. N. Ilaiyaraja, Scientist 'E' and no part of this dissertation has been submitted for the award of any other degree/diploma/fellowship or other similar titles and that this work has not been published in partial or fulfillment in scientific/ popular/ magazine.

IPR generated under this work has been jointly assigned to the student and DFRL, Mysore equally, the expenses for obtaining and maintaining IPR have been borne equally. The authorship(s) pertaining to any invention and the publication of research papers shall be determined by DRDO-DFRL, Mysuru, where the research work was planned and carried out.

Date: 05.07.2024

Place: Mysuru

  
Head of Division

Dr. T. Anand  
Scientist 'F'

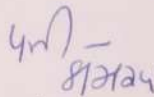
डा.टी. आनंद / Dr. T. ANAND

प्रमुख, पोषण जैवरसायन एवं विषविज्ञान विभाग  
Head Nutrition, Biochemistry & Toxicology Division

रक्षा खाद्य अनुसंधान प्रयोगशाला  
Defence Food Research Laboratory

सिद्धार्थ नगर, मैसूरु-570 011

Siddhartha Nagar, MYGURU-570 011



Counter signature

Head (HRD)

Guide

Dr. N. Ilaiyaraja  
Scientist 'E'

Dr. ILAIYARAJA. N  
Scientist

Nutrition, Biochemistry & Toxicology Division  
Defence Food Research Laboratory (DRDO-DFRL)  
Siddharthanagar, Mysore-570 011.



एक कदम स्वच्छता की ओर

केन्द्रीय रेशम उत्पादन अनुसंधान एवं प्रशिक्षण संस्थान  
Central Sericultural Research & Training Institute

[केन्द्रीय रेशम बोर्ड - वस्त्र मंत्रालय - भारत सरकार / Central Silk Board - Min. of Textiles - Govt. of India]

मानदवाडी रोड, श्रीरामपुरा / Manandavadi Road, Srirampura, मैसूर / Mysore - 570 008

CERTIFICATE BY THE GUIDE

This is to certify that project entitled 'EFFECT OF DROUGHT TOLERANT BACTERIA ON MULBERRY UNDER DROUGHT CONDITION' submitted by Mr. Pradeep P N, in the partial fulfillment for the award of M. Sc. in Biochemistry degree of JSS College of Arts, Commerce and Science, Mysore based on the studies carried out by him during the period from March to June 2024 under my guidance and supervision. It is further certified that this dissertation or any part of the thesis has not been submitted elsewhere for any other degree. The results of this research work are not to be published by the candidate or anyone else without the specific permission of the undersigned.

*Divya Singh*

(Dr. DIVYA SINGH)

वैज्ञानिक-सी / SCIENTIST-C

शहतूत शरीरक्रिया विज्ञान प्रयोगशाला

MULBERRY PHYSIOLOGY LABORATORY

केन्द्रीय रेशम उत्पादन अनुसंधान एवं प्रशिक्षण संस्थान

CENTRAL SERICULTURAL RESEARCH

AND TRAINING INSTITUTE

मैसूर / MYSORE - 570 008

Date: 11/07/2024

Place: Mysore



# HINDUSTAN FOODS LIMITED

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15, Lal Bahadur Shastri Road, Kurla (West), Mumbai, Maharashtra, India. 400 070.

Email: [business@thevanitycase.com](mailto:business@thevanitycase.com) Website: [www.hindustanfoodslimited.com](http://www.hindustanfoodslimited.com)

Tel. No. +91-2269801700 / 01 CIN : L15139MH1984PLC316003

Date: 21<sup>st</sup> June - 2024

To,  
Ms. Bhavana C.Y.  
M.Sc Biochemistry,  
JSS College of Arts, Commerce & Science,  
Ooty Road, Mysore - 570025

## Internship Completion Certificate

This is certify that Ms. Bhavana C.Y. had completed her three month of "INTERNSHIP" in "Quality Assurance" department from 21-03-2024 to 21-06-2024, during her tenure she had engaged in her learning towards the process of QA/QC and had done her best

We wish you all the success and fruitful association with us.

With Best Regards,

For Hindustan Foods Limited

For HINDUSTAN FOODS LTD

Authorized Signature

Srikanth NR

Manager - HR

**VANITYCASE**  
Integrity Initiative Innovation



UNITED BREWERIES LIMITED

Date: 08<sup>th</sup> July 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Likhith R Kumar (Register Number: P01BE22S020032), has been completed his internship programme from 21.03.2024 to 29.06.2024 at our organization successfully.

During his internship, He had taken good initiative and interest to learn Organization. He has obtained necessary information and completed Internship.

His Conduct during Internship was found satisfactory.

We wish him all the best in his future endeavors.

Thanking you,

**For United Breweries Limited.,**

Niel Vincent  
Unit HR- Head

Brewery : Thandya Industrial Area, Nanjangud Taluk, Mysore Dist - 571 302 Tel : 0821 - 3928216

Regd. Off : United Breweries Limited, UB City, 24, Vittal Mallya Road, Bangalore - 560 001, Karnataka, India.

Website : [www.unitedbreweries.com](http://www.unitedbreweries.com) | E-mail : [ublcorporate@ubmail.com](mailto:ublcorporate@ubmail.com) | Corporate ID No. : L36999KA1999PLC025195





# HINDUSTAN FOODS LIMITED

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Email: [business@thevanitycase.com](mailto:business@thevanitycase.com) Website: [www.hindustanfoodslimited.com](http://www.hindustanfoodslimited.com)

Tel. No. +91-2269801700 / 01 CIN : L15139MH1984PLC316003

Date : 21<sup>st</sup> June - 2024

To,  
Ms. Ruchitha. M  
M.Sc Biochemistry,  
JSS College of Arts , Commerce & Science,  
Ooty Road , Mysore – 570025

## Internship Completion Certificate

This is certify that Ms. Ruchitha M had completed her three month of "INTERNSHIP" in "Quality Assurance" department from 21-03-2024 to 21-06-2024, during her tenure she had engaged in her learning towards the process of QA/QC and had done her best

We wish you all the success and fruitful association with us.

With Best Regards,

**For Hindustan Foods Limited**

Authorized Signature

**Srikanth NR**

**Manager – HR**

**VANITYCASE**  
Integrity Initiative Innovation



UNITED BREWERIES LIMITED

Date: 08<sup>th</sup> July 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Sanjay B K (Register Number: P01BE22S020034), has been completed his internship programme from 21.03 2024 to 29.06.2024 at our organization successfully.

During his internship, He had taken good initiative and interest to learn Organization. He has obtained necessary information and completed Internship.

His Conduct during Internship was found satisfactory.

We wish him all the best in his future endeavors.

Thanking you,

**For United Breweries Limited.,**

Niel Vincent  
Unit HR- Head



## Training Certificate

This is to certify that Miss. N. Jhanavi, is a bonafide student of JSS Arts Commerce Science, Mysuru University and has undergone Project work in our organisation from 21-03-2024 to 21-05-2024.

During the training period she had interacted with product Development, Analytical development & Quality Assurance departments and acquired basic knowledge in these areas.

During this period, we found her hardworking sincere & learning attitude.

For Sciegen Pharmaceuticals India Pvt Ltd.

Authorized Signatory





ರಸಂಧಿ.ಎ.ವೈ/ಆರ್.ಎಸ್. 3657/76-77, ದಿನಾಂಕ 30-3-77



ಹಾಸನ ಸಹಕಾರಿ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಟ ನಿಯಮಿತ  
HASSAN CO-OPERATIVE MILK PRODUCER'S SOCIETIES UNION LTD.,

**CERTIFICATE**

This is to certify that Ms.Meghana D.C, (UUCMS No:P01BE 22S020036)  
M.Sc. Student JSS College of Arts, Commerce & Science,  
Mysore, has carried out the Project Work on “Qualitative  
Analysis of Milk & Milk Products” at Hassan Co-operative Milk  
Producer's Societies Union Limited, Hassan from Date: 21-03-2024  
to 08-06-2024. During the allotted period, the candidate has attended  
73 days at this Organization for her Project Work.

*Chamul K R*  
**MANAGER (ADMN.)**  
Manager (Admn)  
31/7/24  
Hassan Co-op. Milk Producers  
Societies Union Ltd, Hassan.

Date: 03-07-2024.



ಮೈಸೂರು ಜಿಲ್ಲಾ ಸಹಕಾರಿ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಟ ನಿ.

Mysore District Co-operative Milk Producers' Societies Union Ltd.



No.467: Admn:2024

Date: 20.06.2024

### CERTIFICATE

This is to certify that Ms.Preethi.M, USN No:P01BE22S020037 studying M.Sc Biochemistry in JSS College of Arts, Commerce and Science, Mysuru has done internship from 27.03.2024 to 15.06.2024 in our Union successfully.

We wish her all the very best for her future endeavors.

Assistant Manager (Admin)

Assistant Manager (Admin)  
Mysuru Dist. Co-operative Milk  
Producer's Societies Union Ltd.,  
Mysuru-570 028

ಮೆಗಾ ಡೈರಿ ಸಂಕೀರ್ಣ, ಬನ್ನೂರು ರಸ್ತೆ, ಅಲನಹಳ್ಳಿ ಅಂಚೆ, ಮೈಸೂರು - 570 028

Mega Dairy Complex, Bannur Road, Alanahalli Post, Mysuru - 570 028

Ph : 0821-2473923, 2473933, Fax : 0821-2472797, 2474476

E-mail : mdmymul@gmail.com, purmymul@gmail.com, mismymul@gmail.com, mymuladm@gmail.com, Website : www.mymul.coop

**CERTIFICATE BY CO-GUIDE**

This is to certify that this dissertation entitled "STUDY OF ACTIVE PHARMACEUTICAL INGREDIENT IN QUALITY CONTROL" is a flexible research work done by **MS. Harshitha premnath**, postgraduate student, division of biochemistry, JSS college of arts, commerce and science Ooty road at Quality Control Small Molecules of API Department, Biocon Ltd, Bangalore Under my guidance in partial fulfilment of the requirements for the degree of Master of Science in biochemistry.

Date: 25/06/2024

Place: Bangalore



Authorized signatory

Bijumon V B

Senior manager

Quality control SMV API

Biocon Ltd.

20<sup>th</sup> KM Hosur road

Electronic city

Bangalore-560100

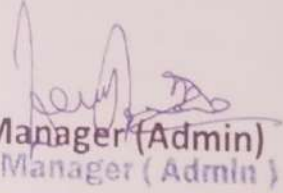
No.204: Chamul: Admin: 2024

Date 25.06.2024

CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Deeksha.R student studying Second Year Master of Science (MSc) at JSS College of Arts, Commerce and Science, Ooty road, Mysuru has done the "Project Work" practice in our organization from 21.03.2024 to 08.06.2024.



Manager (Admin)  
Manager (Admin)  
Chamarajanagar Dist. Co-op  
Milk Union Ltd., Kuderu  
Chamarajanagar-571 316

ಕುದೇರು ಗ್ರಾಮ ಮತ್ತು ಅಂಚೆ, ಸಂತೇಮರಳ್ಳಿ ಹೋಬಳಿ, ಚಾಮರಾಜನಗರ-571 316.

Kuderu Village & Post, Santhemarahalli Hobli, Chamarajanagar - 571 316

E-mail : admnchamul@gmail.com, purchamul@gmail.com, chamulmis@gmail.com

Ph : 08226-234848 Website : www.chamul.co.in

GRAMS : RAKSHAKHADYA  
PHONE : 91-0821-257 9003  
91-0821-247 3783  
/ FAX : 91-0821-247 3468  
91-0821-247 3568  
/ E-mail : director@dfrl.drdo.in



भारत सरकार, रक्षा मंत्रालय  
GOVERNMENT OF INDIA, MINISTRY OF DEFENCE  
रक्षा अनुसंधान तथा विकास संगठन  
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  
रक्षा खाद्य अनुसंधान प्रयोगशाला  
DEFENCE FOOD RESEARCH LABORATORY  
सिद्धार्थ नगर, मैसूरु / SIDDARTHANAGAR, MYSURU - 570 011  
कर्नाटक, भारत / KARNATAKA, INDIA

ISO 9001 : 2015 & 22000 : 2018 Certified Lab

### CERTIFICATE

This is to certify that this dissertation work entitled "Extraction and Bioaccessibility of Vitamin K from Ready-To-Eat Food Samples" submitted in partial fulfillment of the requirements for the award of Masters of Science in Biochemistry, JSS College of Arts, Commerce and Science (Autonomous), Ooty Road, Mysuru, is record of bonafide research work carried out by Ms. Ganavi C V (P01BE22S020040) in Nutrition, Biochemistry & Toxicology Division, Defence Food Research Laboratory, Mysuru from March 2024 to June 2024 under the guidance of Dr. T. Anand, Scientist 'F' and no part of this dissertation has been submitted for the award of any other degree/diploma/fellowship or other similar titles and that this work has been published in partial or fulfillment in scientific/ popular/ magazine.

IPR generated under this work has been jointly assigned to the student and DFRL, Mysore, equally, the expenses for obtaining and maintaining IPR have been borne equally. The authorship(s) pertaining to any invention and the publication of research papers shall be determined by DRDO-DFRL, Mysore, where the research work was planned and carried out.

Date: 05.07.2024

Place: Mysore

Dr. T. Anand

Scientist "F"

Guide & HOD

डा.टी. आनंद / Dr. T. ANAND

प्रमुख, पोषण जैवरसायन एवं विषविज्ञान विभाग  
Head Nutrition, Biochemistry & Toxicology Division

रक्षा खाद्य अनुसंधान प्रयोगशाला

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सिद्धार्थ नगर, मैसूरु-570 011

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Counter Signature by

Head/HRD



एक कदम स्वच्छता की ओर



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DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  
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कर्नाटक, भारत / KARNATAKA, INDIA

ISO 9001 : 2015 & 22000 : 2018 Certified Lab

### CERTIFICATE

This is to certify that this dissertation work entitled "Extraction and Bioaccessibility of Vitamin E from Ready-To-Eat Food Samples" submitted in partial fulfillment of the requirements for the award of Masters of Science in Biochemistry, JSS College of Arts, Commerce and Science (Autonomous), Ooty Road, Mysuru, is record of bonafide research work carried out by Ms. Bhavana M S (P01BE22S020041) in Nutrition, Biochemistry & Toxicology Division, Defence Food Research Laboratory, Mysuru from March 2024 to June 2024 under the guidance of Dr. T. Anand, Scientist 'F' and no part of this dissertation has been submitted for the award of any other degree/diploma/fellowship or other similar titles and that this work has been published in partial or fulfillment in scientific/ popular/ magazine.

IPR generated under this work has been jointly assigned to the student and DFRL, Mysore, equally, the expenses for obtaining and maintaining IPR have been borne equally. The authorship(s) pertaining to any invention and the publication of research papers shall be determined by DRDO-DFRL, Mysore, where the research work was planned and carried out.

Date: 05.07.2024

Place: Mysore

Dr. T. Anand

Scientist "F"

Guide & HOD

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Head/HRD

डा.टी. आनंद / Dr. T. ANAND  
प्रमुख, पोषण जैवरसायन एवं विषविज्ञान विभाग  
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एक कदम स्वच्छता की ओर



ರ.ನಂ.ಡಿ.ಎ.ವೈ/ಆರ್.ಪಿ.ಎಸ್. 3657/76-77, ದಿನಾಂಕ 30-3-77



# ಹಾಸನ ಸಹಕಾರಿ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಟ ನಿಯಮಿತ HASSAN CO-OPERATIVE MILK PRODUCER'S SOCIETIES UNION LTD.,

## CERTIFICATE

This is to certify that Ms.Suchithra S.K, (UUCMS No:P01BE 22S020042) M.Sc. Student JSS College of Arts, Commerce & Science, Mysore, has carried out the Project Work on “**Qualitative Analysis of Milk & Milk Products**” at Hassan Co-operative Milk Producer’s Societies Union Limited, Hassan from Date: 21-03-2024 to 08-06-2024. During the allotted period, the candidate has attended 76 days at this Organization for her Project Work.

**Date: 03-07-2024.**

  
**MANAGER(ADMN.)**  
Manager (Admn) 3/7/24  
Hassan Co-op. Milk Producers  
Societies Union Ltd, Hassan.

Phone : Admn. Block : 240628, 240615 / Dairy Block : 240609, 240631 / General : 240358 / Fax : 08172 - 240640

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GOVERNMENT OF INDIA, MINISTRY OF DEFENCE  
रक्षा अनुसंधान तथा विकास संगठन  
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  
रक्षा खाद्य अनुसंधान प्रयोगशाला  
DEFENCE FOOD RESEARCH LABORATORY  
सिद्धार्थ नगर, मैसूरु / SIDDARTHANAGAR, MYSURU - 570 011  
कर्नाटक, भारत / KARNATAKA, INDIA

ISO 9001 : 2015 & 22000 : 2018 Certified Lab

### CERTIFICATE

This is to certify that this dissertation work entitled "**Composition Analysis and Bioaccessibility of Pantothenic Acid, Biotin and Folic Acid in Selected Ready-To-Eat Food Products**" submitted in partial fulfillment of the requirements for the award of **Masters of Science in Biochemistry, JSS College of Arts, Commerce and Science (Autonomous), Ooty Road, Mysuru**, is a record of bonafide research work carried out by **Ms. Amulya Antapur (P01BE22S020043)** in Nutrition, Biochemistry and Toxicology Division, Defence Food Research Laboratory, Mysuru from **March 2024 to June 2024** under the guidance of **Dr. N. Ilaiyaraja, Scientist 'E'** and no part of this dissertation has been submitted for the award of any other degree/diploma/fellowship or other similar titles and that this work has not been published in partial or fulfillment in scientific/ popular/ magazine.

IPR generated under this work has been jointly assigned to the student and DFRL, Mysore equally, the expenses for obtaining and maintaining IPR have been borne equally. The authorship(s) pertaining to any invention and the publication of research papers shall be determined by DRDO-DFRL, Mysuru, where the research work was planned and carried out.

Date: 05.07.2024

Place: Mysuru

Head of Division

Dr. T. Anand

Scientist 'F'

डा.टी. आनंद / Dr. T. ANAND

प्रमुख, पोषण जैवसायन एवं विश्वविज्ञान विभाग  
Head Nutrition, Biochemistry & Toxicology Division

रक्षा खाद्य अनुसंधान प्रयोगशाला

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Guide

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Scientist 'E'

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Scientist

Nutrition, Biochemistry & Toxicology Division  
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47-8/22  
Counter signature

Head (HRD)



एक कदम स्वच्छता की ओर



ISO  
22000 : 2018

FSSAI 22000  
Certified Dairy



ರ.ನಂ.ಡಿ.ಎ.ವೈ/ಆರ್.ಒ.ಎಸ್. 3657/76-77, ದಿನಾಂಕ 30-3-77

# ಹಾಸನ ಸಹಕಾರಿ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಟ ನಿಯಮಿತ

## HASSAN CO-OPERATIVE MILK PRODUCER'S SOCIETIES UNION LTD.,

### CERTIFICATE

This is to certify that Ms.Bhavana K.U, (UUCMS No:P01BE 22S020044) M.Sc. Student JSS College of Arts, Commerce & Science, Mysore, has carried out the Project Work on “Qualitative Analysis of Milk & Milk Products” at Hassan Co-operative Milk Producer's Societies Union Limited, Hassan from Date: 21-03-2024 to 08-06-2024. During the allotted period, the candidate has attended 77 days at this Organization for her Project Work.

**MANAGER(ADMN.)**  
Manager (Admn) 31/7/24

**Date: 03-07-2024.**

Hassan Co-op. Milk Producers  
Societies Union Ltd, Hassan.



ಮೈಸೂರು ಜಿಲ್ಲಾ ಸಹಕಾರಿ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಟ ನಿ.

Mysore District Co-Operative Milk Producers' Societies Union Ltd.



No.467: Admn:2024

Date: 19.06.2024

### CERTIFICATE

This is to certify that Mr.Syed Fayazuddin USN:P01BE22S020045 studying M.Sc (Biochemistry) in JSS College of Arts, Commerce & Science, Ooty Road, Mysuru has done Internship from 27.03.2024 to 15.06.2024 in our Union successfully.

We wish him all the very best for his future endeavors.

  
**Assistant Manager (Admin)**  
Assistant Manager (Admin)  
Mysuru Dist. Co-operative Milk  
Producer's Societies Union Ltd.,  
Mysuru-570 028

ಮೆಗಾ ಡೈರಿ ಸಂಕೀರ್ಣ, ಬನ್ನೂರು ರಸ್ತೆ, ಅಲನಹಳ್ಳಿ ಅಂಚೆ, ಮೈಸೂರು - 570 028

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**CERTIFICATE BY THE GUIDE**

This is to certify that **Deepika Venkatesh Shet** has carried out the research work presented in this dissertation entitled "**Effect of *Terminalia chebula* ethanolic extract fractions on Metabolic Rate and Steatosis in Zebra fish larvae**" in the partial fulfilment for the award of degree of **Master of Science (M.Sc.) in Biochemistry** from **JSS College of Arts, Commerce & Science, Ooty Road, Mysore** under my guidance. This work is original and has not been submitted earlier to any University or Institution either in part or in full for the award of any Degree or Diploma.



**Dr. Banappa S Unger,**

**M. Pharm, Ph.D.**

**Scientist E**

**ICMR-NITM**

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SPMPL/ 879 /2024

08.07. 2024

## INTERNSHIP CERTIFICATE

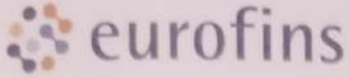
*This is to certify that Ms. Nishath Fathima, II Year Post Graduate Studies in MSc Biochemistry, JSS College of Arts, Science & Commerce, Mysore has completed her internship at Supreem Pharmaceuticals Mysore Pvt Ltd., from 21<sup>st</sup> March 2024 to 8<sup>th</sup> June 2024.*

*Her performance in this company was found to be punctual, hardworking and inquisitive.*

*We wish her every success in life.*

*For Supreem Pharmaceuticals Mysore Pvt Ltd.,*

  
HR Department



## EUROFINS ANALYTICAL SERVICES INDIA PVT. LTD.

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Date: - 28<sup>th</sup> June 2024

### To Whom so ever It May Concern

This is to certify that **Ms. Rakshitha K N** student of JSS college, Mysore has successfully completed 3 months internship program at Eurofins Analytical Services India Pvt. Ltd.

She has completed her internship in our **Chemistry Department**. The internship has started from 23<sup>rd</sup> March 2024 at our Bangalore office.

We wish her all the best for her future endeavors.

**For Eurofins Analytical Services India Pvt. Ltd**

A handwritten signature in black ink, appearing to be "Sheela S", written over a horizontal line.

**Sheela S**  
**Manager – HRBP**

**Eurofins Analytical Services India Private Limited**

#540/1, Doddanakundi Industrial I Area 2, Hoodi, Whitefield, Bengaluru 560048, Karnataka, India, Tel: +91 80 30982500,  
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**SCHOOL OF LIFE SCIENCE, MYSURU**  
**JSS Academy of Higher education and Research**  
(Deemed to be University)  
Accredited "A\*" Grade by NAAC

---

**CERTIFICATE BY THE GUIDE**

This is to certify that this dissertation entitled "**Preliminary toxicity studies of metal in *Drosophila melanogaster* model**" is a bonafide research work done by **Ms. Rakshitha S,** (UUCMS No:P01BE22S020049) Postgraduate student, Division of Biochemistry, JSS College Arts ,Commerce and Science Ooty Road Mysuru, under my guidance in partial fulfilment of the requirement for the degree of **Master of Science in Biochemistry.**

Date: 08/07/2024  
Place: Mysuru

  
**Dr. J R Kumar,**  
Assistant Professor,  
Division of Biochemistry  
JSS Academy of Higher Education & Research,  
Mysuru - 570015

**Dr. J.R. KUMAR, M.Sc., Ph.D.,**  
Assistant Professor  
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Faculty of Life Sciences  
JSS Academy of Higher Education & Research  
MYSURU-570 015



14-06-2024


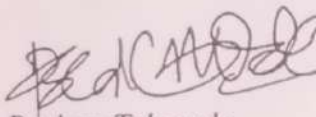
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Sameeksha A. with USN – P01BE22S020050 from JSS College of Arts, Commerce and Science, Ooty Road worked in Vipragen Biosciences Pvt. Ltd, Mysuru as Research Intern for Internship in the area of Toxicology Department.

The candidate has observed the projects under Toxicology department at Vipragen Biosciences Pvt. Ltd from March 2024 to June 2024.

All the best for your future endeavors!

Kind regards,



Dr. Pradeep Takawale  
Test Facility Management



**icmr** **NITM**  
INDIAN COUNCIL OF  
MEDICAL RESEARCH NATIONAL INSTITUTE OF  
TRADITIONAL MEDICINE

**CERTIFICATE BY THE GUIDE**

This is to certify that **Miss. Pranita Sukumar Dabhade** has carried out the research work presented in this dissertation entitled "**TRADITIONAL MEDICINE-BASED LEADS AGAINST POLYCYSTIC OVARY SYNDROME**" at **ICMR - National Institute of Traditional Medicine Belagavi** in the partial fulfilment for the award of degree of **Master of Science (M.Sc.) in Biochemistry** from **JSS College of Arts, Commerce & Science, Ooty Road, Mysore** under my guidance.

This work is original and has not been submitted earlier to any University or Institution either in part or in full for the award of any Degree or Diploma.

Date: 02.07.2024

**Dr. Kamran Zaman**  
Scientist-E (Medical)  
ICMR-NITM Belagavi  
Belagavi-590010, Karnataka

डॉ. कामरान ज़मान वैज्ञानिक-ई (वैद्यकीय)  
Dr. Kamran Zaman Scientist-E (Medical)  
आयसीएमआर-राष्ट्रीय पारम्परिक चिकित्साविज्ञान संस्थान  
ICMR-NATIONAL INSTITUTE OF TRADITIONAL MEDICINE  
स्वास्थ्य अनुसंधान विभाग, भारत सरकार  
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नेहरू नगर, बेलगावी-५९००१० Nehru Nagar, Belagavi-590010



## CERTIFICATE OF INTERNSHIP

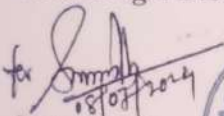
This internship certificate is proudly awarded to

Ms. Yashaswini A. R, M.Sc. Biochemistry student bearing UUCMS No. PO1E22S020052 from postgraduate department of Biochemistry, JSS College of Arts, Commerce and Science had completed an internship program at Plant Tissue Culture Laboratory at Innova Agri Bio Park Pvt Ltd from 25.03.2024 to 08.07.2024 under the guidance of Dr. K.P. SAJITH.

During the period of her internship program in our lab, she had been exposed to different techniques like Primer synthesis, RNA extraction from plant, cDNA synthesis, RNA quantification using nanodrop method, agarose gel electrophoresis, tissue culture media preparation, embryo rescue, callus culture and cell suspension culture.

During the period she is found to be hardworking, sincere and diligent. We wish her all the best.

Innova Agri Bio Park Pvt Ltd,

  
18/07/2024  
Dr. K. S. Ravi  
Managing Director





**JSS MAHAVIDYAPEETHA**

**PG DEPARTMENT OF COMMERCE**  
**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(An Autonomous College of University of Mysore)  
**OOTY ROAD, MYSORE-570 025 KARNATAKA**

Re-accredited by NAAC with 'A' grade  
Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: [jssautonomous@gmail.com](mailto:jssautonomous@gmail.com) Website: [JSSCACS.edu.in](http://JSSCACS.edu.in)

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SL.NO.	NAME	GUIDE ALLOTTED
1	A M DIVYA	PREETHI S L
2	ARSHITHA M S	PREETHI S L
3	BHARATH N	PREETHI S L
4	CHETHAN C R	PREETHI S L
5	JEEVAN H E	PREETHI S L
6	KAVANA VINAYAKA HEGDE	PREETHI S L
7	MONIKA S G	DR. DIVYA L
8	MONISHA V D	PREETHI S L
9	NISHA K	PREETHI S L
10	PRAVEEN	DR. DIVYA L
11	PRIYANKA P H	PREETHI S L
12	SAHANA H C	PREETHI S L
13	SRINIDH J	DR. VIKRAM K V
14	SURESHA E	PREETHI S L
15	VAIBHAV KAMRA	DR. JYOTHI V S
16	VINOD KUMAR M M	DR. VIKRAM K V
17	YASHASWINI M	PREETHI S L

*Jyoti V.S.*  
Head 23/4/2024

PG Department of Commerce  
College of Arts, Commerce & Science  
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Ooty Road, Mysore-570 025.

**“A STUDY ON PRODUCTION AND MARKETING PRACTICE OF TURMERIC  
WITH SPECIAL REFERENCE TO CHAMARAJNAGARA DISTRICT”**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE**

**(AUTONOMOUS)**

**B.N. ROAD MYSORE**

**SUBMITTED BY**

**DIVAY A M**

**M.Com. IV SEMESTER**

**REGISTER NO : P01BE22C012029**

**UNDER THE GUIDANCE OF**

**PREETHI S.L**

**ASSISTANT PROFESSOR**

**PG DEPARTMENT OF COMMERCE**

**JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE**

**B.N. MYSORE  
JULY-2024**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE  
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B.N. ROAD MYSORE 570025**

**Dr. M PRABHU**  
Principal  
J S S college of Arts, Commerce and Science  
B.N. Road Mysore 570025


**JULY- 2024**

**CERTIFICATE**

This is to certify that **Ms. DIVYA A M** is a bonafide student of fourth semester M.Com, P G department of commerce during the academic year 2023-24. The project report entitled "**A STUDY ON PRODUCTION AND MARKETING PRACTICE OF TURMERIC WITH SPECIALREFERENCE TO CHAMARAJNAGARA DISTRICT**" has been prepared by her in partial fulfillment of the requirement of master of commerce, P G Department in the institute J S S college of Arts, Commerce and Science B N road Mysore.

**Place: Mysore**

**Date: 13/07/2024**

  
**(Dr. M PRABHU)** 13/7/24  
PRINCIPAL  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, MYSURU-25

**"AN ANALYSIS OF INVESTORS PERSPECTIVE TOWARDS  
SYSTEMATIC INVESTMENT PLAN"**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE  
(AUTONOMOUS)  
B.N ROAD MYSORE**

**SUBMITTED BY  
ARSHITHA M S  
M.Com IV SEMESTER  
REGISTER NO: P01BE22C012012**

**UNDER THE GUIDANCE OF  
Mrs. PREETHI S L  
ASSISTANT PROFESSOR  
PG DEPARTMENT OF COMMERCE  
JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE  
B.N. ROAD MYSORE**

**JULY - 2024**





**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE**

**(AUTONOMOUS)**

**B.N. ROAD MYSORE 570025**

**Dr. PRABHU**

Principal

J S S College of Arts, Commerce and Science

B.N. Road Mysore 570025


**JULY-2024**

**CERTIFICATE**

This is to certify that Ms. **ARSHITHA M S** is a bonafide student of fourth semester M.Com program of department of commerce during the academic year 2023-24. The project report entitled "**AN ANALYSIS OF INVESTORS PERSPECTIVE TOWARDS SYSTEMATIC INVESTMENT PLAN**" has been prepared by her in partial fulfilment of the requirement of master of commerce P G Department of Commerce in the Institute of J S S College of Arts, Commerce and Science, B N road Mysore.

**Place : Mysore**

**Date : 16/07/2024**

  
**(Dr.PRABHU)** 19/7/24

**“A STUDY ON STRATEGIES ADOPT BY AMAZON IN  
DIGITAL MARKETING”**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE**

**(AUTONOMOUS)**

**B.N. ROAD MYSORE**

**SUBMITTED BY**

**BHARATH.N**

**M.Com IV SEMESTER**

**REGISTERD NO : P01BE22C012002**

**UNDER THE GUIDANCE OF**

**Mrs. PREETHI S L**

**ASSISTANT PROFESSOR**

**PG DEPARTMENT OF COMMERCE**

**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE**

**B.N. ROAD MYSORE**

**JULY - 2024**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE**

**(AUTONOMOUS)**

**B.N. ROAD MYSORE 570025**

**Dr. PRABHU**

Principal

J S S College of Arts, Commerce and Science

B.N. Road Mysore 570025

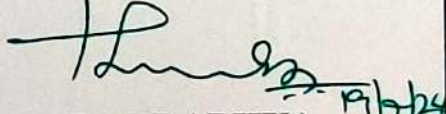
**JULY-2024**

**CERTIFICATE**

This is to certify that **Mr. BHARATH.N** is a bonafide student of fourth semester M.Com program of department of commerce during the academic year 2023-24. The project report entitled "**A STUDY ON STRATEGIES ADOPT BY AMAZON IN DIGITAL MARKETING**" has been prepared by him in partial fulfilment of the requirement of master of commerce P G Department of Commerce in the Institute of J S S College of Arts, Commerce and Science, B N road Mysore.

**Place : Mysore**

**Date : 16/07/2024**

  
**(Dr. PRABHU)**

**“WORK LIFE BALANCE OF EMPLOYEE”**  
**TATA CONSULTANCY SERVICES LIMITED(TCS)**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILMENT OF THE  
REQUIREMENT FOR THE AWARD OF MASTER DEGREE IN COMMERCE**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE  
(AUTONOMOUS)**

**B.N. ROAD MYSORE**

**SUBMITTED BY**

**CHETHAN C R**

**M.Com. IV<sup>TH</sup> SEMESTER**

**REGISTERED NO: P01BE22C012032**

**UNDER THE GUIDANCE OF**

**PREETHI S L**

**ASSISTANT PROFESSOR**

**PG DEPARTMENT OF COMMERCE**

**JULY 2024**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE  
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**Dr. M PRABHU**

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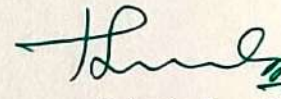
JULY- 2024

**CERTIFICATE**

This is to certify that **MR. CHETHAN C R.** is a bonafide student of fourth semester M.Com program of department of commerce during the academic year 2023-24. The project report entitled "**WORK LIFE BALANCE OF EMPLOYEE (TCS)**" has been prepared by her in partial fulfillment of the requirement of master of commerce under the guidance of **PREETHI S L** (M.Com., M.B.A), Assistant professor, P G Department of Commerce. JSS College of Arts, Commerce & Science B N road Mysore.

Place: Mysore

Date: 19/07/2024

  
Principal 19/7/24

(Dr. M PRABHU)

**“A STUDY ON EVALUATION OF WORKING CAPITAL  
MANAGEMENT”**

**(MYSORE PAPER MILL LIMITED, BHADRAVATHI)**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE**

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**B.N. ROAD MYSORE**

**SUBMITTED BY**

**JEEVAN H E**

**M.Com. IV SEMESTER**

**REGISTER NO : P01BE22C012001**

**UNDER THE GUIDANCE OF**

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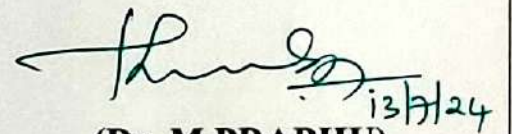
**JULY- 2024**

**CERTIFICATE**

This is to certify that **Mr. JEEVA H E.** is a bonafide student of fourth semester M.Com, PG department of commerce during the academic year 2023-24. The project report entitled "**A STUDY ON EVALUATION OF WORKING CAPITAL MANAGEMENT**" (**MYSORE PAPER MILL LIMITED, BHADRAVATHI**) has been prepared by him in partial fulfilment of the requirement of master of commerce P G Department, In the institute of J S S College of Arts, Commerce and Science B N road Mysore.

**Place : Mysore**

**Date : 13/07/2024**

  
**(Dr. M PRABHU)**  
PRINCIPAL  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, MYSURU-25

**“CONSTRUCTION OF OPTIMAL PORTFOLIO OF SELECTED  
STOCKS LISTED IN NSE FROM THE IT AND FMCG SECTOR USING  
FUNDAMENTAL ANALYSIS”**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE  
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**SUBMITTED BY**

**KAVANA HEGDE**

**M.Com.IV<sup>th</sup> SEMESTER**

**REGISTERD NO : P01BE22C012004**

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**Dr. M PRABHU**

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**JULY- 2024**

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This is to certify that **Miss KAVANA HEGDE** is a bonafide student of fourth semester M.Com program of department of commerce during the academic year 2023-24. The project report entitled **“CONSTRUCTION OF OPTIMAL PORTFOLIO OF SELECTED STOCKS LISTED IN NSE FROM THE IT AND FMCG SECTOR USING FUNDAMENTAL ANALYSIS”** has been prepared by her in partial fulfillment of the requirement of master of commerce under the guidance of **PREETHI S L ( M.Com., M.B.A)**, Assistant professor, P G Department of Commerce. JSS college of Arts, Commerce and Science B N road Mysore.

**Place : Mysore**

**Date: 05/07/24**

**Principal**

**(Dr. M PRABHU)**

**PRINCIPAL**

**JSS College of Arts, Commerce & Science  
(Autonomous)**

**Ooty Road, MYSURU-25**

**"A STUDY ON PRODUCTION PERFORMANCE AND MARKETING STRATEGIES OF TATA COFFEE LTD POLLIBETTA MADIKERI"**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIRMENTS FOR  
THE AWARD OF MASTER DEGREE IN COMMERCE**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE  
(AUTONOMOUS)**

**B.N. ROAD MYSORE**

**SUMBITTED BY**

**MONIKA SG**

**IV SEMESTER**

**REGISTER NO: P01BE22C012034**

**UNDER THE GUIDANCE OF**

**DR. DIVYA. L**

**ASSISTANT PROFESSOR PG DEPARTMENT OF COMMERCE**

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**B.N. MYSORE**

**JULY 2024**



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**CERTIFICATE**

This is to certify that Miss **MONIKA SG** is a Bonafide student of fourth semester M. Com, PG department of commerce during the academic year 2023-24. The project report entitled **“A STUDY ON PRODUCTION PERFORMANCE AND MARKETING STARTAGIES OF TATA COFFEE LTD POLLIBETTA MADIKERI”**

has been prepared by her in partial fulfilment of the requirement of master of commerce P G Department, In the institute of J S S College of Arts, Commerce and Science B N road Mysore.

Place: Mysore

Date: 22/07/2024

  
( Dr .M PRABHÜ )

**“A STUDY ON IMPACT OF CLIMATE CHANGE ON COFFEE  
GROWERS IN KODAGU DISTRICT”**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE**

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**SUBMITTED BY**

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**B.N. ROAD MYSORE**

**JULY-2024**

**“A STUDY ON IMPACT OF CLIMATE CHANGE ON COFFEE  
GROWERS IN KODAGU DISTRICT”**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



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**JULY-2024**



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**JULY- 2024**

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This is to certify that **Ms. MONISHA V D** is a bonafide student of fourth semester M.Com, P G department of commerce during the academic year 2023-24. The project report entitled **“A STUDY ON IMPACT OF CLIMATE CHANGE ON COFFEE GROWERS IN KODAGU DISTRICT”** has been prepared by her in partial fulfillment of the requirement of master of commerce in P G Department, in the institute of J S S college of Arts, Commerce and Science B N road Mysore.

**Place : Mysore**

**Date: 13/07/2024**

**(Dr. M PRABHU )  
PRINCIPAL**

**JSS College of Arts, Commerce & Science  
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Ooty Road, MYSURU-25**

**"A STUDY ON CUSTOMER PERCEPTION TOWARDS E-BIKES WITH  
SPECIAL REFERENCETO MYSURU CITY"**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE  
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**SUBMITTED BY**

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**M.Com. IV**

**SEMESTER**

**REGISTER NO : P01BE22C012026**

**UNDER THE GUIDANCE OF**

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B.N. MYSORE**

**JULY-2024**



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Principal

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B.N. Road Mysore 570025


**JULY- 2024**

**CERTIFICATE**

This is to certify that **Miss Nisha K.** is a bonafide student of fourth semester M.Com, PG department of commerce during the academic year 2023-24. The project report entitled "**A STUDY ON CUSTOMER PERCEPTION TOWARDS E-BIKES WITH SPECIAL REFERENCETO MYSURU CITY**" has been prepared by him in partial fulfilment of the requirement of master of commerce P G Department, In the institute of J S S College of Arts, Commerce and Science B N road Mysore.

**Place : Mysore**

**Date : 16/7/2024**

  
**(Dr. M PRABHU)**



**“ CUSTOMER SATISFACTION OF ATM SERVICE (A STUDY AT  
STATE BANKS ATM IN MYSORE CITY)”**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE**

**(AUTONOMOUS)**

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**M.Com IV SEMESTER**

**REGISTERD NO : P01BE22C012005**

**UNDER THE GUIDANCE OF**

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**ASSISTANT PROFESSOR**

**PG DEPARTMENT OF COMMERCE**

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**B.N. ROAD MYSORE**

**JULY - 2024**



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**(AUTONOMOUS)**

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B.N. Road Mysore 570025


**JULY - 2024**

**CERTIFICATE**

This is to certify that **MS. PRIYANKA P.H** is a bonafide student of fourth semester M.Com program of department of commerce during the academic year 2023-24. The project report entitled "**CUSTOMER SATISFACTION OF ATM SERVICE (A STUDY AT STATE BANKS ATM IN MYSORE CITY)**" has been prepared by her in partial fulfilment of the requirement of master of commerce P G Department, In the Institute of J S S College of Arts, Commerce and Science, B.N road Mysore

**Place : Mysore**

**Date : 16/7/2024**

  
**(Dr. M PRABHU)**

**"TAX PAYER'S PERCEPTION TOWARDS E-FILLING OF INCOME  
TAX RETURNS WITH REFERENCE TO CACHEANTS & Co",**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILMENT OF THE  
REQUIREMENT FOR THE AWARD OF MASTER DEGREE IN COMMERCE**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE**

**(AUTONOMOUS)**

**B.N. ROAD MYSORE**

**SUBMITTED BY**

**SAHANA H C**

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**REGISTERED NO: P01BE22C012016**

**UNDER THE GUIDANCE OF**

**PREETHI S L**

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**JULY 2024**



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B.N. Road Mysore 570025

JULY- 2024

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This is to certify that Miss. **SAHANA H C.** is a bonafide student of fourth semester M.Com program of department of commerce during the academic year 2023-24. The project report entitled "**TAX PAYER'S PERCEPTION TOWARDS E-FILLING OF INCOME TAX RETURNS WITH REFERENCE TO CACHEANTS &CO**" has been prepared by her in partial fulfillment of the requirement of master of commerce under the guidance of **PREETHI S L(M.Com., M.B.A)**, Assistant professor, P G Department of Commerce. JSS College of Arts, Commerce & Science B N road Mysore.

Place: Mysore

Date: 19/07/2024

**Place: Mysore**

**Date: 19/07/2024**

  
Principal 19/7/24

**(Dr. M PRABHU)**

**“A STUDY ON CUSTOMER SATISFACTION ON ONLINE  
SHOPPING”  
(A SPECIAL REFERENCE WITH AMAZON )**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE RE-  
QUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE  
(AUTONOMOUS)  
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**SUBMITTED BY  
SRINIDHI J**

**M.Com. IV SEMESTER  
REGISTER NO : P01BE22C012010**

**UNDER THE GUIDANCE OF**

**Dr. VIKRAM K V**

**ASSISTANT PROFESSOR**

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B.N. MYSORE**

**JULY 2024**



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**B.N. ROAD MYSORE 570025**

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**JULY-2024**

**CERTIFICATE**

This is to certify that **SRINIDHI J .** is a bonafide student of fourth semester M.Com ,PG department of commerce during the academic year 2023-24.The project report entitled "**A STUDY ON CUSTOMER SATISFACTION ON ONLINE SHOPPING (A SPECIAL REFERENCE WITH AMAZON )** has been prepared by him in partial fulfilment of the requirement of master of commerce P G Department, In the Institute of J S S College of Arts, Commerce and Science B N road Mysore.

**Place : Mysore**

**Date : 11/07/2024**

**(Dr. M PRABHU)**

**PRINCIPAL**

**JSS College of Arts, Commerce & Science**

**(Autonomous)**

**Ooty Road, MYSURU-25**

**“A STUDY ON CONSUMER PERCEPTION TOWARDS ONLINE SHOPPING WITH REFERENCE TO AMAZON PRODUCTS IN MYSORE CITY”**

A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE(AUTONOMOUS)**

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**SUBMITTED BY**

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M.Com. IV SEMESTER

REGISTERD NO : P01BE22C012035

**UNDER THE GUIDANCE OF**

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ASSISTANT PROFESSOR

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J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE

B.N. MYSORE

JULY 2024



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JULY-2024

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This is to certify that Mrs SURESHA E is a bonafide student of fourth semester M Com program of department of commerce during the academic 2023-24 . The project report entitled "A STUDY ON CONSUMER PERCEPTION TOWARDS ONLINE SHOPPING WITH REFERENCE TO AMAZON PRODUCTS IN MYSORE CITY" has been prepared by him in partial fulfilment of the requirement of master of commerce P G Department, IN the institute of J S S College of Arts,Commerce and Science B N road Mysore.

Place : Mysore

Date : 22/7/2024

(Dr. M PRABHU)



**“EMPLOYEE’S PERCEPTION TOWARDS CORPORAT SOCIAL  
RESPONSIBILITIES:A STUDY WITH SPECIAL REFERENCE TO  
SOFTWARE COMPANY’S”**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE**

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**JULY-2024**



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This is to certify that **Mr.VINOD KUMAR M M** is a bonafide student of fourth semester M.Com, P G department of commerce during the academic year 2023-24. The project report entitled "**EMPLOYEE'S PERCEPTION TOWARDS CORPORAT SOCIAL RESPONSIBILITIES:A STUDY WITH SPECIAL REFERENCE TO SOFTWARE COMPANY'S**" has been prepared by her in partial fulfillment of the requirement of master of commerce in P G Department, in the institute of J S S college of Arts, Commerce and Science B N road Mysore.

**Place : Mysore**

**Date: 16/07/24**

  
(Dr. M PRABHU) 19/7/24

# **“A STUDY ON BUDGETARY CONTROL SYSTEM”**

**(HAL LIMITED, KARNATAKA)**

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF  
MASTER DEGREE IN COMMERCE**



**J S S COLLEGE OF ARTS, COMMERCE AND SCIENCE**

**(AUTONOMOUS)**

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**YASHASWINI M**

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**B.N. MYSORE**

**JULY -2024**



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**JULY-2024**

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**Place : Mysore**

**Date : 13/07/24**

**(Dr. M PRABHU )**  
**PRINCIPAL**

**JSS College of Arts, Commerce & Science**  
**(Autonomous)**  
**Ooty Road, MYSURU-25**

13/7/24



**JSSMAHAVIDYAPEETHA**

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**CERTIFICATE**

This is to certify that the project entitled **"DIVE INTO THE INTRICATE WORLD OF DAIRY FARMING"** is a bonafide work carried out by, Ms. ANUSHA KANAKAPUR, under the guidance of **DR. RAMYASHREE M, HOD &** Assistant Professor, for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road, Mysuru during the year **2023-2024**. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

  
PRINCIPAL 6/8/24  
PRINCIPAL  
JSS College of Arts, Commerce & Science  
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**CERTIFICATE**

This is to certify that the project entitled "**The study on emerging health hazards due to water pollution in rural areas of Nanajangudu taluk**" is a bonafide work carried out by, Ms. CHANDANA S, Mr. GURUCHETHAN M and Mr. JEETHENDRA G H M, under the Guidance of **Dr. RAMYASHREE M**, HOD & Assistant Professor, for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road, Mysuru during the year **2023-2024**. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

  
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**CERTIFICATE**

This is to certify that the project entitled "**SURVEY OF DEPRESSION RATE IN ADOLESCENT**" is a bonafide work carried out by by Ms. BHOOMIKA B, Ms. RAMYA V under the guidance of Dr. NAVYASHREE B. Assistant professor., PG Department of Zoology for the partial fulfilment of the requirement for the award of the degree, Master of Science (M.Sc.) in Zoology at JSS College of Arts, Commerce and Science (Autonomous), Ooty road, Mysuru during the year 2023-2024. It is certified that all corrections and suggestions indicated for the dissertation have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of the project report prescribed for Master of Science in Zoology.

Date:

  
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Place: MYSURU

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**CERTIFICATE**

This is to certify that the project entitled "A Comparative Study of Urban Solid Waste Management in Mysuru City, With Special Reference to Vidyaranyapuram Vs. Kumbarkoppal Model" is a bonafide work carried out by Ms. CHINMAYI. M.S, Ms. SAHANA C, Ms. SHUGUFTHA AYUB, Ms. POOJA B.M and Ms. NIRANJANAMMA under the guidance of Dr. NIJAGAL B.S. Assistant professor, PG Department of Zoology for the partial fulfilment of the requirement for the award of the degree, Master of Science (M.Sc.,) in Zoology at JSS College of Arts, Commerce and Science (Autonomous), Ooty road, Mysuru, during the year 2023-2024. It is certified that all corrections and suggestions indicated for the dissertation have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of the project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

  
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