



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Approved by AICTE, New Delhi, Accredited with 'A++' Grade by NAAC
(An Autonomous Institution, Affiliated to Anna University, Chennai)



COIMBATORE-642032

BONAFIDE CERTIFICATE

Certified that this project report “COMMERCIAL BASED DESSERT MOMO-(WHEAT AND MAIDA)” is the bonafide work of “JAYASRI R (20113024), JEEVAN KUMAR G (20113025), NAVEENKUMAR M (20113037), SASIDHARAN N (201130)” who carried out the project work under my supervision.

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Dr. A. Shivani Indhumathi
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Dr. G. Jeevarathnam, PhD
HEAD OF THE DEPARTMENT
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Submitted for the Anna University A Project Phase Report II Viva-Voce conducted
On 22.05.24

INTERNAL EXAMINER

EXTERNAL EXAMINER



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY



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Coimbatore - 641032

BONAFIDE CERTIFICATE

Certified that this project report “Green culinary solution: Crafting biodegradable cutlery from groundnut shells and analyzing environmental impact” is the bonafide work of “NAVEEN G (20113034), NAVEEN S (20113036), SRIDHARAN T (20113051)” who carried out the project work under my supervision.

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Submitted for the Anna University A Project Phase II Report Viva conducted on
22/05/2024

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Coimbatore - 641032



BONAFIDE CERTIFICATE

Certified that this project report “**PREPARATION OF NUTRITIOUS CHOCOLATE BAR USING SPENT BARLEY AND DEOILED GROUNDNUT CAKE** “is the bonafide work of “SANJAY R (20113046), KAUSHIK A (20113027), SURYA R (20113052)” who carried out the project work under my supervision.

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Coimbatore - 641032

BONAFIDE CERTIFICATE

Certified that this project report “**DEVELOPMENT OF PROTEIN SPREAD USING SOYA CHUNKS AND IT'S QUALITY EVALUATION**” is the bonafide work of “**DEEPESH A (20113012), TEJASWINI V M (20113055), YUVARAJ V (20113063)**” who carried out the project work under my supervision.

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INTERNAL EXAMINER

22/5/25
EXTERNAL EXAMINER



Hindusthan College of Engineering and Technology

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BONAFIDE CERTIFICATE

Certified that this project report “**FOOD RECIPES RATING SYSTEM**” is the bonafide work of “**PRASANAKUMAR DANIEL S(20113039), SARUDEVAN G(20113048), NAVEENKUMAR M(20113035)**” who carried out the project work under my supervision.


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Submitted for the Anna University A Project Phase II Viva-Voce conducted

On 22/05/2024


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(An Autonomous Institution, Affiliated to Anna University, Chennai)

COIMBATORE – 641032



MAY - 2024



BONAFIDE CERTIFICATE

Certified that this project report "FORMULATION OF MILLET INCORPORATED IDLI BATTER MIX" is the bonafide work of "FAWZAN KP, GODWIN K JOSE, PAULSON MATHEW" who carried out the project work under my supervision.


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22/05/2024


INTERNAL EXAMINER


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HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE - 641032



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(An Autonomous Institution, Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this project report "FORMULATION AND QUALITY ANALYSIS OF HEALTH GUMMIES INFUSED WITH FENUGREEK EXTRACT" is the bonafide work of "Akhil Sasikumar (20113007), Anandhu P (20113009), Devika M (20113013)" who carried out the project work under my supervision.

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Submitted for the Anna University Main Project Viva-Voice conducted on 22/05/2024

INTERNAL EXAMINER

EXTERNAL EXAMINER



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY



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Coimbatore - 641032

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Certified that this project report “**Design and Development of fully automated novel egg hatching incubator**” is the bonafide work of “**HARI VIKNESH P R (20113019), SAKTHIVEL S (20113044), VINITH KUMAR K (20113060)**” who carried out the project work under my supervision.


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Mr. DILLWYN S
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Submitted for the Anna University A Project Phase II Report Viva conducted on

22.05.2024



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HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

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Coimbatore - 641032



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Certified that this project report "Nixtamalization Process Using Millets(sorghum, bajra, ragi) To Produce Nutrient Enriched Flour" is the bonafide work of "Dilna Faisal (20113014), Raniya M V (20113041), Riya K (20113043)" who carried out the project work under my supervision..

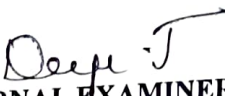

Dr. DEEPA J


Assistant Professor
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Submitted For the Anna University Project Phase II report Viva-Voce Conducted On 22/5/24


INTERNAL EXAMINER


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HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

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Coimbatore - 641032



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Certified that this project report "FORTIFICATION OF COOKIE WITH WATERMELON AND MUSKMELON PEEL POWDER" is the bonafide work of "Muhamed Al Haaris (20113031), Afrah Sultana Nisham (20113005), Ebin Varghese 20113016)" who carried out the project work under my supervision.

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Submitted for the Anna University A Project Phase II Viva-Voce conducted on 22/05/2024.

INTERNAL EXAMINER

EXTERNAL EXAMINER

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
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Coimbatore - 641032



BONAFIDE CERTIFICATE

Certified that this project report “**DEVELOPMENT OF PLANT BASED NON- DAIRY BEVERAGE**” is the bonafide work of “**ABDUL KALAM M (20113002), ABISHEK K (20113004), YUGAN R(20113062)**” who carried out the project work under my supervision.

Handwritten signature of Dr. Navarasam R in blue ink, dated 22/5/24.

Dr. NAVARASAM R
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Dr. JEEVARATHINAM G
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Associate Professor

Department of Food Technology

Handwritten signature of the Internal Examiner in blue ink.

INTERNAL EXAMINER

Handwritten signature of the External Examiner in blue ink, dated 22/5/24.

EXTERNAL EXAMINER

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

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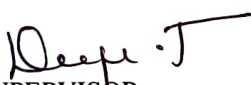
COIMBATORE – 641032

MAY - 2024



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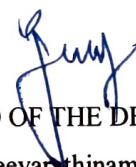
Certified that this project report “STUDIES ON UTILIZATION OF PLANTBASED PROTEIN BLEND” is the bonafide work of “ABDU RAHOOF MK, ABHAY JOSEPH ROY, AJMAL SADIKH KK” who carried out the project work under my supervision.


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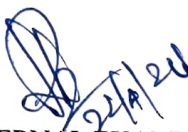
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Hindusthan College of Engineering
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Submitted for the Anna University A Project Phase Report II Viva-Voce conducted On

22/5/24


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COIMBATORE – 641032 MAY - 2024



DEVELOPMENT AND ENHANCEMENT OF NUTRITIONAL
PROPERTIES OF SWEET POTATO NOODLES WITH NATURAL
ADDITIVES

PROJECT PHASE II REPORT

Submitted by

NAME	(REG NO)
MOHAMED HASHIR KA	20113029
MUHAMMED SHAHEEN PV	20113033
SYAMJITH VS	20113054

in partial fulfillment for the award of the degree

of

BACHELORE OF TECHNOLOGY

IN

FOOD TECHNOLOGY

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
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COIMBATORE-642032

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Certified that this project report “DETECTION CONTAMINATION IN LEMON JUICE BY NON-INVASIVE TECHNIQUE USING ULTRASONIC SENSORS is the bonafide work of “DEEPAK M (20113011), SWETHA A (20113053), ASHIR R (201130802)” who carried out the project work under my supervision.


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INTERNAL EXAMINER


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Coimbatore - 641032



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Certified that this project report "MILK QUALITY MONITORING SYSTEM" is the bonafide work of "IMRAN KHAN A(20113022), KATHIRAVAN J (20113026), MOHAMED IBRAHIM U (20113028)" who carried out the project work under my supervision.

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COIMBATORE - 641032



MAY 2024

SPECIMEN

**DEVELOPMENT AND COMPARITIVE STUDY OF ALOE VERA
GUMMIES USING GELATIN, PECTIN AND SAGO AND ITS
NUTRITIONAL PROPERTIES**

A PROJECT REPORT

Submitted by

MOHAMMED NASIH HUSAIN (Reg. No. 20113030)

MUHAMMED ASLAM (Reg. No. 20113032)

SANESH KRISHNA (Reg. No. 20113045)

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In

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HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
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BONAFIDE CERTIFICATE

Certified that this project report “Heat pump and infrared drying of beetroot slices: effect on drying kinetics, modelling, quality evaluation” is the bonafide work of “S. ARAVINTH (20113010), P. HEMAROOBINI (20113021), S. JAYASREE (20113023), M. PRAVEEN (20113040)” who carried out the project work under my supervision.


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Coimbatore - 641032

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Certified that this project report "CITRUS PEEL FERMENTED BEVERAGE ENRICHED WITH VITAMIN C AND ANTIOXIDANT" is the bonafide work of "THARANISREE A (20113056), REMINGTON L (20113042), THIRUNEELAVASAN T(20113057)" who carried out the project work under my supervision.

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Viva voce conducted on 22.05.2024

INTERNAL EXAMINER

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HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

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(An Autonomous Institution, Affiliated to Anna University, Chennai)

Coimbatore – 641 032



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Certified that this project report “**IMPACT OF COLD PLASMA TECHNOLOGY ON PHYSIOCHEMICAL AND NUTRITIONAL PROPERTY OF MANILA TAMARIND SEED PROTEIN ISOLATE**” is the bonafide work of “**AMIRTHAA R R (20113008), VISHWA E G (20113061), ANBARASU R (20113801)** who carried out the project work under my supervision.


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Submitted for the Project Phase II Viva-Voce conducted on **22.05.2024**


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Coimbatore - 641032



BONAFIDE CERTIFICATE

Certified that this project report “NEW PRODUCT DEVELOPMENT OF LOW-FAT NUTRITIOUS BREAD SPREAD” is the bonafide work of “DIVYA BHARATHI B (20113015), SHREE SWEDHAA K (20113050), VINITH S (20113059)” who carried out the project work under my supervision.

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22.05.2024

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BONAFIDE CERTIFICATE

Certified that this project report “**The Effect of Infrared Drying on the Drying Time of Drynaria quercifolia (Goat Leg Tuber) and Preparation of a Novel Soup Mix using the Dried Powder**” is the bonafide work of “**VARUN S(20113058), HARISH S(20113020), MAHAVISHNU K(20113803)**” who carried out the project work under my supervision.

T. Nivetha
22/5/24

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EXTERNAL EXAMINER