



## EXCEL ENGINEERING COLLEGE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NBA (AERO, CSE, MECH, ECE), NAAC with "A\*" and Recognised by UGC (2f & 12B)  
KOMARAPALAYAM - 637303

### DEPARTMENT OF FOOD TECHNOLOGY

**2.3.1 Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:**

#### Student-centric methods

1. PowerPoint presentation
2. Video film
3. Content beyond the syllabus
4. Quiz
5. Workshop
6. Internship
7. Industrial visit
8. Lab integrated theory course





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## DEPARTMENT OF FOOD TECHNOLOGY

### 1. POWERPOINT PRESENTATION



**NAME OF THE FACULTY:** Mr.M.Raja AP/FT

**YEAR:** III Year

**NAME OF THE TOPIC:** Food Laws and quality assurance



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## 2. VIDEO FILM

S NO	NAME OF THE FACULTY	NAME OF THE TOPIC	PLATFORM	WEBSITE LINK
1	Mr.M.Raja	Sensory evolution of food products	Google meet	<a href="https://youtu.be/TRuf0ZBENmw">https://youtu.be/TRuf0ZBENmw</a>
2	Mr.S.P.Rajesh	Refrigeration systems	Google meet	<a href="https://youtu.be/qaBeA5Cv5bU">https://youtu.be/qaBeA5Cv5bU</a>
3	Dr.M.Karuppaiya	Recent trends in vegetable processing technology	Google meet	<a href="https://www.youtube.com/watch?v=Mjyc1cz9MtU">https://www.youtube.com/watch?v=Mjyc1cz9MtU</a>

**OBJECTIVES**

- Underline the importance and significance of sensory evaluation
- Enlist quality control aspects of sensory evaluation
- Evaluate and assess the quality of food products based on the sensory parameters
- Sensory evaluation as a tool for improvements in quality of food products besides creating the consumer acceptance

**NAME OF THE FACULTY:** Mr.M.Raja AP/FT

**NAME OF THE TOPIC:** Sensory evaluation of food products



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## 3. CONTENT BEYOND THE SYLLABUS



**NAME OF THE FACULTY:** Ms.G.Chithra AP/FT

**NAME OF THE TOPIC:** Millets –Farms to home (Harvesting, processing, product development and nutritional benefits)

**NO OF STUDENTS ATTENDED:** 90



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## 4. QUIZ

Document from Chithra - chith... x Untitled form - Google Forms x +

docs.google.com/forms/d/1B2wXR3MH7PkS1nnuzCdhMahVMA2BGb4lxkzz7VzzauA/edit#response=ACYDBNg\_8mD8pjENw2jyVWVXWTi2tTF... ☆

Gmail YouTube Maps Instagram hotstar - Watch TV... Facebook Oracle Pin on Fitness and I... Connect to Wi-Fi Python Release Pyth... All Bookmarks

Untitled form ☆

Questions Responses 45 Settings Total points: 13

Add individual feedback

Fundamentals of Food Processing 1 of 10 points

✗ What is the most common food preservation method? \* 0 / 1

- Freezing
- Fermentation ✗
- Heating
- Freeze drying

Correct answer

- Heating

Add individual feedback

Type here to search 28°C Haze 12:23 PM 19-Dec-23

**NAME OF THE SUBJECT:** Fundamentals of food processing

**YEAR:** II Year

**NO OF STUDENT ATTENDED:** 43



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## 5.WORK SHOP

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**National Institute of Food Technology,  
Entrepreneurship and Management, Thanjavur (NIFTEM-T)**  
(An Institute of National Importance; Formerly Indian Institute of Food Processing Technology-IIFPT)  
Ministry of Food Processing Industries (MoFPI), Government of India, Thanjavur - 613 005, Tamil Nadu, India



### National Level Workshop on Polymerase Chain Reaction (PCR)

Sponsored by  
Department of Science and Technology - Science and Engineering Research Board (DST-SERB SRG)  
SERB-SRG File. No: SRG / 2021 / 001005; Dated. 23.12.2021  
NIFTEM-T File. No: NIFTEM-T / PMC / GAP-060; Dated. 19.01.2022



## Certificate



This is to certify that Mr. / Ms. / Dr. JOHN KURIAN, Excel Engineering College.....  
has participated in the National Level Workshop on Polymerase Chain Reaction (PCR) organized  
by the National Institute of Food Technology, Entrepreneurship and Management, Thanjavur  
(NIFTEM-T) held on 13<sup>th</sup> March 2023.

Date: 13.03.2023  
NIFTEM-T/2023/SERB-SRG/PCR-W/ .....13.....

*Singam 15/3/23*  
Organizing Secretary  
Dr. S. VIGNESH  
Associate Professor, NIFTEM-T

*M. Loganathan 15/3/23*  
Patron  
Prof. M. Loganathan  
Director (I/c), NIFTEM-T





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DEPARTMENT OF FOOD TECHNOLOGY

## 6. INTERNSHIP

### **DHANALAKSHMI SRINIVASAN SUGARS PRIVATE LIMITED**

UDUMBIYAM Village, VENGANUR Post, VEPPANTHATTAI Taluk,  
PERAMBALUR - 621 116, Tamil Nadu.

Ph : 04328 - 293777 e-mail : chinnappan@vvsugars.com

DSSPL/HR/2022/25

09.09.2022

#### **CERTIFICATE**

This is to certify that **Miss. K Sujatha**, B.Tech., Food technology student of Excel Engineering College, Autonomous, Namakkal has undergone internship in our organization during the period from 29.08.2022 to 08.09.2022.

We wish her all success in her future career.

For **Dhanalakshmi Srinivasan Sugars (P) Ltd.,**

  
Authorized Signatory





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## EATMAN FOODS INDIA (P) LTD

264, Gandhi Nagar, Chinnampalayam, Erode 638104  
Tamilnadu, India | Ph: 0424 - 2283846, +91 9944997505  
Email: feedback@eatmanfoods.com | Web: www.eatmanfoods.com

MSME National Award Winner



Eatman / HR / 2022-23

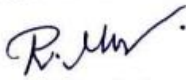
Date: 20.02.2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Saranya .B (Reg.No : 730921218052) Second year B.Tech. (Food Technology) student of Excel Engineering College (Autonomous), Pallakapalayam, Komarapalayam has undergone Internship Training in our Organization from 05.01.2023 to 20.01.2023. During the period she was regular and shown keen interest in learning the subject related matters.

We wish her all the very best in her future endeavor.

For Eatman Foods India Private Limited

  
R. Manisankar  
Manager - HR





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**BRAHMAGIRI**  
DEVELOPMENT SOCIETY WAYANAD  
AN AGENCY FOR SUSTAINABLE DEVELOPMENT

25.01.2023

## To whom So ever it may concern

*This is to certify that Mr. John Kurian (Reg No- 730921218027)  
student of the B.Tech Food Technology, Excel Engineering College  
has done the Internship in our institution Malabar Meat from  
10.01.2023 to 25.01.2023. During the period he has taken keen interest  
in the sphere of his works and in timely completion of the Training.*



General Manager



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GST No. : 33AAICS2682M1ZY



CIN No. U15141TZ2004PTC011052

88/1, Pullyankadu, Moolakkarai, Perundururai Main Road, Nasianur (P.O), ERODE - 638 107 (TN).  
Phone : 0424 - 2556644, 2556664 | E-mail : accounts@sunraja.com | Web : www.sunraja.com  
FSSAI No. : 10012042000132 | PAN No. : AAICS2682M

## TO WHOMSOEVER IT MAY CONCERN

This is certify that Ms.Deepika Sri (Roll No.21FD009) Student of 2rd Year B.Tech Food Technology of Excel Engineering College, Pallakkapalayam, Namakkal (2021-2025 Batch) has successfully completed 15 days training from 02/01/2023 to 16/01/2023 as a part of their academic curriculum at **Sunraja Oil Industries Private Limited.**, SF No. 88/1-Pullyankadu, Moolakkarai Village, Nasianur Post, Erode Dist.-638 107.

During the training period his character and performance found good. We wish his all success in his future career to get.

For **Sunraja Oil Industries Private Limited.**

(Sathishkumar A)  
HR Executive



Place : Erode

Date : 16/01/2023



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## THE VILLUPURAM DISTRICT CO-OPERATIVE MILK PRODUCERS' UNION LTD., VILLUPURAM.



### CERTIFICATE

This is to certify that **Selvi.K.Anusha, B.Tech (Food Technology) II Year, (Reg.No.730921218005)** studying in Excel Engineering College (Autonomous) Komarapalayam, Namakkal District -637303 has completed **INTERNSHIP TRAINING** during the period from 02.01.2023 to 16.01.2023 at the Villupuram District Co-operative Milk Producers' Union Ltd., Villupuram.

During the period, She was very interested in earning knowledge and performed well finish the training successfully.

I sincerely appreciate her punctuality and interest and I wish all the best her forth coming ventures.

Date :19.01.2023.

GENERAL MANAGER.

for  
General Manager,  
Villupuram District



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# PANDA'S FOOD PRODUCTS

No.42, Ground Floor, Chintamani  
Nagar, Avarampalayalam,  
Coimbatore- 641006  
Pandasfoodproducts@gmail.com  
www.pandasfoodproducts.com

GSTIN :33BKUPJ0218E1ZF

75500966774

Ref: PAN-22/08 0021

Date: -25-01-2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. ADHITH T . S (Roll No. 21FD002) a student of BTech in Food Technology, Excel Engineering College, Erode, Tamilnadu, has successfully completed his internship program in **Panda'sFood Products** 10<sup>nd</sup> January 2023 to 25<sup>nd</sup> January 2023.

During this period, he has acquired sufficient knowledge and skills in his field of expertise. He is having good exposure, initiative and a positive attitude towards completion of given task within time frame. His conduct and discipline through the period were very good.

We appreciate the hard work during his tenure and wish him all the best for future endeavors.

Best Regards,

Guru Prakash E.S  
Authorized Signatory



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## 7. INDUSTRIAL VISIT



**NAM E OF THE INDUSTRY:** Nilgiris Fresh Produce Co Mushroom Cultivation and Benchmark Tea Industry

**NO OF STUDENTS VISITED:** 61



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## 8. LAB INTEGRATED THEORY COURSE

### 1. Fruits and Vegetables Processing Technology (Theory + Practical)

