



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Pondicherry University

Accredited by NBA & NAAC 'A' Grade

Kalitheerthalkuppam, Puducherry - 605107

Accredited by



DEPARTMENT OF FOOD TECHNOLOGY

ACADEMIC YEAR 2024-2025 (ODD SEMESTER)

DEPARTMENT ACTIVITIES

Guest Lecture by Experts



Ms. L.Meenatchi, Assistant professor, Gnanamani college of technology delivered the Online session titled “Role of smart sensors in food industry” for final year food technology students on 27.8.2024



Dr.S.R.Priyadarshini, AP/FT, Department of Food Technology, Rajalakshmi Engineering College, Chennai delivered guest lecture session titled “Advancing Fermentation Technology: Modern Practices, Challenges and Opportunities” for third year food technology students on 09.09.2024



Er.D.S.Rajaruban, AP, Department of Food Technology, Paavai Engineering College, Namakkal delivered guest lecture session titled “Genetically Modified Foods” for FT students on 18.10.2024

Workshops



Workshop on “Exploring Fermentation in Modern Food Processing” for the 3rd and final year Food Tech. students on 06.09.2024. Dr. T. Radhika, Assistant Professor, Food Technology, MVIT, was the Resource Person.



Workshop on “Sustainable Dairy Processing: Techniques for the Future” was conducted for the FT Students on 14.09.2024. Er.S.M. Gopika, Executive R &D, Aachi Foods (P) Ltd, Chennai was the Resource Person for the programme.

Industrial Visits



Industrial Visit to Catamaran Brewing Company, Puducherry was organized on 10.04.2024 for the 3rd Year B.Tech.(FT) students.



Industrial Visit to SVR Cashewnuts Processing industry was organized on 05.09.2024 for the 3rd & Final Year B.Tech.(FT) students.

World Food Safety Day



Mr. M. Ravichandran, Food Safety Officer, FSSAI, Puducherry delivered a lecture on 28.08.2024 as part of the World Food Safety Day program on 28th August, 2024. This event focused on the importance of food safety, directly contributing to SDG 3 (Good Health and Well-being).

World Food Day



FT department organized technical events for the students on the eve of World Food Day on 18.10.2024

Quality Improvement Programme for students



Dr. R.Baghya Nisha, AP/FT, delivered the session titled “The Evolution of Food Processing: Quality from Ancient to Modern” for food technology students on 27.08.2024

Quality Improvement Programme for Faculty



Dr. R.Baghya Nisha, AP/FT, delivered the session titled “Quality of Ancient Foods: Exploring Traditional Foods Across Cultures” for MVIT Teaching Faculty members on 02.08.2024

Awareness Programmes



FT department organized a rally by the FT students in Kalitheerthakuppam on 06.09.2024 on the eve of National Nutrition week – “Nutrition for All: Healthy Choices, Brighter Futures” with the theme of SDG 3 -Good Health & Wellbeing.



Awareness programme on the Importance of Nutrition among students was organized in Kalaingar Karunanithi Higher Secondary School, Madagadipet on 04.09.2024

Special Lectures on trending topics



Dr.T.Radhika delivered special lecture in the topic "Recent trends in enzyme and fermentation technology" on 19.07.2024



Ms.Jessica Hannah, Special Lecture on "Emerging methods for the evaluation of sensory attributes" on 07.08.2024



Dr.R.Baghya Nisha -Special Lecture on the topic "Traditional perspectives on food processing and preservation" on 20.08.2024



Dr.D.Tirutchelvame, delivered a Special Lecture on the topic "Biobased Environmental Friendly Food Packaging Materials" on 21.08.2024



Mr Vimal, delivered a lecture on the topic "Importance of Spices in Everyday Life" on 22.08.2024



Mrs. S.Indumathi-Special Lecture on "Rapid methods for identification of campylobacter" on 26.08.2024

Awareness Programme



IPR Awareness Programme on the topic “Licensing and Collaboration : Maximising values from food innovation” was conducted for the FT students on 06.08.2024. Dr. P.Jayakumar, Consultant(Patent) was the Resource Person.

Research Methodology



Research Methodology programme on “Advanced Multivariate Analysis Techniques In Food Research” was organized for the FT students on 20.08.2024. Dr.D.Tiroutchelvame, HoD-FT was the Resource Person.

Alumni Connect Activities



Mr. S. Prakashkumar, Quality Executive at Food Swing Enterprise, Chengalpattu, delivered a talk on “Mastering Quality Assurance in Food Production: Best Practices and Strategies” for third and final year food technology students on 20.08.2024



Mr. S.Anandhaeswar, Quality Analyst at Gayathri Cashew Processing, Tindivanam, delivered a talk on “Cashew Processing: Ensuring Excellence from Farm to Table” for final year food technology students on 29.08.2024

Career Guidance for the Students



Career Guidance Program on Sustainability and Environmental Impact in the Food Industry was delivered by Dr.R.Baghya Nisha, AP/FT to the 3rd year B.Tech. FT students on 12.08.2024



Session on “Career Paths in Food Safety Audit ” by Er.Vimal, H, AP/FT to the II Year FT students on 21.08.2024

Entrepreneurship Programme



Dr.S.Vaitheeswaran, Associate Professor/MBA delivered EDP session titled “Start - Up in the Food Sector: Essentials for Success” for third and final year Food Technology students on 26.09.2024

Value Added Certification Course

Conducted Value added Certification course on “Health Hazard at Critical Control Points- HACCP & Food Safety Training and Certification-FoSTaC” for the final year FT students in January 2025.

Faculty Activities

1. Dr. D.Tiroutchelvame, Associate Professor & HoDi/c completed FDP cum online certification course on “Food Oils and Fats: Chemistry and Technology”(Duration 12 weeks : Jul-Oct 2024conducted by SWAYAM-NPTEL.
2. Dr. D.Tiroutchelvame, Associate Professor & HoDi/c published a paper (Co-Author) on the title “Effect of Low-Pressure Glow Discharge Cold Plasma on the Quality Characteristics of Button Mushroom (*Agaricus bisporus*)”, IEEE TRANSACTIONS ON PLASMA SCIENCE, August 2024. DOI: 10.1109/TPS.2024.3439851
3. Dr. D.Tiroutchelvame, Associate Professor & HoDi/c published a paper (Co-Author) on the title “Biopolymer-based edible packaging: a critical review on the biomaterials, formation, and applications on food products”, Journal of Applied Biology & Biotechnology, pp. 1-16, September, 2024. Scopus Indexed journal. DOI: 10.7324/JABB.2024.145531
4. Dr. D. Tiroutchelvame Associate Professor & HoDi/c participated in the 60th Edition of BRIDGE 2024 - Puducherry (A High Impact Industry-Institute Interaction Event), Organized by ICT Academy held on 8 Oct 2024 at Anandha Inn, Puducherry.
5. Dr. D. Tiroutchelvame Associate Professor & HoDi/c presented a session on “SDG 12- Responsible Consumption and Production” for the Teaching Faculty in the Confluence Series-II organized by IQAC, MIT on 27.09.2024.

6. Dr. D. Tiroutchelvame Associate Professor & HoDi/c participated in the Professional Development Programme on “Outcome Based Education” organized by IQAC, MIT from 11.11.2024 to 16.11.2024.
7. Dr. D. Tiroutchelvame Associate Professor & HoDi/c presented a paper on the topic “SDG 15 Life on Land-Challenges in Sustainable Utilization and Conservation of Water Resources” in the 1st International Conclave on Sustainnovation-ICS 1.0 organized by IQAC, MIT on 29.11.2024.
8. Dr. D. Tiroutchelvame Associate Professor & HoDi/c chaired the session titled “SDG 13- Climate Action” in the 1st International Conclave on Sustainnovation-ICS 1.0 organized by IQAC, MIT on 29.11.2024.
9. Dr. D.Tiroutchelvame, Associate Professor & HoDi/c attended one week Online Faculty Development Program on “Innovative Teaching with AI and Digital Tools for the 21st Century Educators” organized by Gokul Global University, Gujarat from 30th November to 28 December 2024(only on Saturdays).
10. Dr. D. Tiroutchelvame Associate Professor & HoDi/c participated in the Orientation Programme on “Strategic Planning and Implementation for Academic Excellence” organized by IQAC, MIT on 28.01.2025.
11. Dr.R.Baghya Nisha, Assistant Professor completed FDP cum online certification course on “Dairy and Food Process and Products Technology” (Duration 12 weeks : Jul-Oct 2024) conducted by SWAYAM-NPTEL.
12. Dr.R.Baghya Nisha, Assistant Professor attended FDP on “Technology Dissemination on the Sustainability of Animal Food Products on Human Nutrition and Health” from 05.08.2024 to 10.08.2024 organized by the College of Poultry Production and Management, TANUVAS, Hosur.
13. Dr.R.Baghya Nisha, Assistant Professor published a Book Chapter on “Properties and Applications of Proteins from Pseudocereals” in the book titled Pseudocereals-Production, Processing, and Nutrition. CRC Press (eBook ISBN 9781003325277).
14. Dr.R.Baghya Nisha, Assistant Professor participated in the Orientation Programme on “Strategic Planning and Implementation for Academic Excellence” organized by IQAC, MIT on 28.01.2025.
15. Mrs.S.Indumathi, Assistant Professor attended FDP on “Technology Dissemination on the Sustainability of Animal Food Products on Human Nutrition and Health” from 05.08.2024 to 10.08.2024 organized by the College of Poultry Production and Management, TANUVAS, Hosur.
16. Dr.T.Radhika Assistant Professor attended ATAL-FDP on “Innovations in Food Processing and Packaging: Sustainability Challenges and Future Scenarios” from 02.12.2024 to 07.12.2024 organized by NIFTEM, Thanjavur.

Students Activities & Achievements

1. All the Final year B.Tech.(FT) students have undergone industry training for one month during July 2024 in various food industries such as PONLAIT (Pondicherry Co-op. Milk Producers' Union Ltd.) Puducherry ; Guveraa Syrup & Fruit Crush Products, Puducherry ; Sahyadri farms Pvt.Ltd., Nashik ; Thykoodam Oil Mill, Kochi ; National Agro Foundation Lab, Taramani, Chennai ; Sri Narasu's Coffee Company Private Limited, Salem.
2. All the Third year B.Tech.(FT) students have undergone industry training for 10 days during July 2024 in various food industries such as Aavin- The Villupuram District Cooperative Milk Producers Union Limited, Villupuram ; National Forensic University, Gandhi Nagar, Gujarat.
3. Ms. Djeocika Lizy of Final year B.Tech.(FT) completed online course on "Post Harvest Operations and Processing of Fruits, Vegetables, Spices and Plantation Crop Products"(Duration 12 weeks : Jul-Oct 2024) conducted by SWAYAM-NPTEL.
4. Ms. Djeocika Lizy of Final year B.Tech.(FT) received Certificate of Appreciation as NPTEL Discipline Star (Agriculture) by SWAYAM-NPTEL (Jul-Dec 2024).
5. Ms. Amsaviruthika.T of 3rd year B.Tech.(FT) completed online course on "Dairy and Food Process and Products Technology"(Duration 12 weeks : Jul-Oct 2024) conducted by SWAYAM-NPTEL.
6. Ms. Harini. V of 3rd year B.Tech.(FT) completed online course on "Food Oils and Fats: Chemistry and Technology"(Duration 12 weeks : Jul-Oct 2024) conducted by SWAYAM-NPTEL.
7. Mr. Sasidharan. C of 3rd year B.Tech.(FT) completed online course on "Food Oils and Fats: Chemistry and Technology"(Duration 12 weeks : Jul-Oct 2024) conducted by SWAYAM-NPTEL.
8. Mr. Aadhil B of 3rd year B.Tech.(FT) completed "Highfield Level 3 International Award in HACCP (CODEX Principles)" conducted by Cosmos International Training Institute (CITI), UK.
9. Mr.Aadhil B of 3rd year B.Tech.(FT) has undergone a Hands-On Training Program on "Polymerase Chain Reaction (PCR) Technique for Detection and Identification of Food Pathogens" held on 5th November 2024 at Department of Food Biotechnology, NIFTEM-Thanjavur.
10. Ms. Amsaviruthika.T of 3rd year B.Tech.(FT) has undergone a Hands-On Training Program on "Polymerase Chain Reaction (PCR) Technique for Detection and

Identification of Food Pathogens” held on 5th November 2024 at Department of Food Biotechnology, NIFTEM-Thanjavur.

11. Mr.Arul .V of 3rd year B.Tech.(FT) has undergone a Hands-On Training Program on “Polymerase Chain Reaction (PCR) Technique for Detection and Identification of Food Pathogens” held on 5th November 2024 at Department of Food Biotechnology, NIFTEM-Thanjavur.
12. Mr.Dinesh.R of 3rd year B.Tech.(FT) has undergone a Hands-On Training Program on “Polymerase Chain Reaction (PCR) Technique for Detection and Identification of Food Pathogens” held on 5th November 2024 at Department of Food Biotechnology, NIFTEM-Thanjavur.
13. Mr.Gowtham. P of 3rd year B.Tech.(FT) has undergone a Hands-On Training Program on “Polymerase Chain Reaction (PCR) Technique for Detection and Identification of Food Pathogens” held on 5th November 2024 at Department of Food Biotechnology, NIFTEM-Thanjavur.
14. Ms.Harini.M of 3rd year B.Tech.(FT) has undergone a Hands-On Training Program on “Polymerase Chain Reaction (PCR) Technique for Detection and Identification of Food Pathogens” held on 5th November 2024 at Department of Food Biotechnology, NIFTEM-Thanjavur.
15. Ms.Harini.V of 3rd year B.Tech.(FT) has undergone a Hands-On Training Program on “Polymerase Chain Reaction (PCR) Technique for Detection and Identification of Food Pathogens” held on 5th November 2024 at Department of Food Biotechnology, NIFTEM-Thanjavur.
16. Mr.Raaghul.RM of 3rd year B.Tech.(FT) has undergone a Hands-On Training Program on “Polymerase Chain Reaction (PCR) Technique for Detection and Identification of Food Pathogens” held on 5th November 2024 at Department of Food Biotechnology, NIFTEM-Thanjavur.
17. Mr.Shivakesh.A of 3rd year B.Tech.(FT) has undergone a Hands-On Training Program on “Polymerase Chain Reaction (PCR) Technique for Detection and Identification of Food Pathogens” held on 5th November 2024 at Department of Food Biotechnology, NIFTEM-Thanjavur.
18. Ms.Srivarshini.S of 3rd year B.Tech.(FT) has undergone a Hands-On Training Program on “Polymerase Chain Reaction (PCR) Technique for Detection and Identification of Food Pathogens” held on 5th November 2024 at Department of Food Biotechnology, NIFTEM-Thanjavur.
19. Mr. Shivakesh.A of 3rd year FT participated and secured 2nd place in the poster presentation in the National seminar on “ Plant Science and Nanotechnology-A

Perspective on Recent Trends(NSPSN-2024)” organized by the Department of Biochemistry and Crop Physiology, Adhiparasakthi Agricultural College & Adhiparasakthi Horticultural College, Kalavai on 17.08.2024.

20. Ms. Padmaja.G of Final year B.Tech.(FT) participated in the singing event of the Navratri Golu celebration organized by Cultural club of MIT during 03.10.2024 to 11.10.2024.
21. Ms. Djeocika Lizy of Final year B.Tech.(FT) participated in the “Millet Product Showcasing” event in the World Food Safety Day-2024 organized by the Department of Food Technology, MIT on 29.08.2024.
22. Mr. Jayapradap. R of 2nd year FT participated in the MVIT Grandmaster Chess Tournament 2024 organized by MIT on 30.08.2024.
23. Ms. Dharshini.V of 2nd year FT completed Junior Grade-Typewriting English (First Class with Distinction) conducted by the Department of Technical Education, Chennai.
24. Mr. Shivakesh.A, Sasidharan.C and Vigneswara.T of 3rd year FT participated in the 30th ICFoST 2024 Logo Competition conducted by Association of Food Scientists & Technologists (India), CSIR-CFTRI, Mysuru.