



Bincy T J

Assistant Professor in Basic Sciences and Humanities

Administrative Responsibilities

Institute level :

- Member of PTA Committee
- Member of Annual Sports Committee
- Quiz Committee

Department Level

- Tutor for 2025-2029 ME Batch
- Coordinator- Pi Day
- Coordinator- Project Expo

Education Summary

Doctoral work(PhD): *Pursing from Anna Malai University*

Post-Graduation: **MSc in Statistics (2008)**
St. Thomas College, Thrissur
Marks: 68.95%

Graduation: **BSc in Statistics (2006)**
Vimala College, Thrissur
Marks: 94.9 %

Employment History

Teaching and Research

- Teaching Assistant, Verghese Kurien Institute of Dairy and Food Technology, KVASU, Mannuthy (8 Years)
- Statistical Assistant, National Ayurvedic Research Institute for Panchakarma, Cheruthuruthy (2.5 Months)
- Assistant Professor in Statistics on contract, Vimala College (Autonomous), Thrissur (2 Years)
- Assistant Professor on contract, Govt. Engineering College, Thrissur Toc H Institute of Science and Technology (7 Months)
- Assistant Professor in Statistics, Sahridaya College of Advanced Studies, Kodakara (1 Year)
- Guest Faculty, Westfort Institute for Paramedical Sciences, Pottore (4 Years)
- Guest faculty, Dr. John Mathai Centre for Management Studies, Aranattukkara (1 Year)
- Guest Lecturer, St. Thomas College, Thrissur (2 Years)

Journal/Papers Published

- Development and Evaluation of Millet-Infused Banana Flour Breakfast Flakes: Formulation and Analytical Examination, Mubeena¹, Dr. Indu B.², Dr. Arya K Salu³, Ajay R.⁴, Simi M. S.⁵, **Bincy T.J.** 6 International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 12, Issue 9, September-2024, Available online at: www.ijaresm.com
- Effect of temperature and gelling agents on stability of whey protein isolate based gels, Aswathy S, Smitha J Lukose, SN Rajakumar, AK Beena, Divya MP, Rahila MP and **Bincy TJ** International Journal of Advanced Biochemistry Research 2024 ; 8 (10) : 77-81, ISSN Print: 2617-4693. ISSN Online: 2617-4707, IJABR 2024; 8(10): 77-81, www.biochemjournal.com
- Effect of finger millet addition on the antioxidant property and total phenolic content of chocolate flavoured ice cream, International Journal of Advanced Biochemistry Research , Athira KJ, Dr. Indu B, Dr. Smitha J Lukose, Dr. Divya MP, Dr. Aparna Sudhakaran V, Dr. Yancy Mary Issac and **Bincy TJ** ISSN Print: 2617-4693, ISSN Online: 2617-707, IJABR 2024; 8(9): 946-948 www.biochemjournal.com
- Development of Dairy Based Spread- Selection of Levels of Ultrasonication Parameters, Akshay, R., Divya K.B, S N Rajakumar, Dinker Singh, Aswin S Warriar, Shyam Suraj S and **Bincy T.J.** Indian Vet. J., November 2024, 101 (11) : 28 - 31
- Isolation of biofilm forming microflora from organized dairy plants and assessing their Minimum Inhibitory Concentration (MIC) and Minimum Biofilm Eradication Concentration (MBEC), Akshay Aravind, Rejeesh R, Beena AK, Divya MP, Jayadevan GR, Archana Chandran, **Bincy TJ** and Vinod Viswanath International Journal of Advanced Biochemistry Research 2024; SP-8(10): 747-753
- Physical and nutritional properties of high protein composite flour cookies. Salma Shaji, Beena RL, SN Rajakumar, Smitha J Lukose, Aswin S Warriar, Jayadevan GR and **Bincy TJ** International Journal of Advanced Biochemistry Research 2024; 8(10): 1056-1059

- Shelf-life extension of paneer using a combination of permitted preservatives and Glucono Delta Lactone as coagulant (GDL) Gokul SS, Beena RL, SN Rajakumar, Divya MP, Syam Suraj, Divya KB and Bincy TJ; ISSN Print: 2664-844X ISSN Online: 2664-8458 NAAS Rating (2025): 4.97 IJAFS 2025; 7(9): 107-111 www.agriculturaljournals.com

Area of Interest

- Data Analysis
- Operations Research
- Testing of Hypothesis
- Statistical Quality Control

Achievements

- Qualified SET
- Paper Presentations
 1. Some Contributions to Control Charts Using Hyper Poisson Distribution, Ninth International Conference on “Recent Trends in Statistical Theory and Applications 2024” (WSTA – 2024) organized by Department of Statistics, School of Physical & Mathematical Sciences, University of Kerala jointly with International Statistics Fraternity (ISF), Kerala Statistical Association (KSA) and Statistics Fraternity Kerala (SFK) on 30.06.2024
 2. Statistical Process Control Using Modified Alpha Power Transformation Kswamy Distribution (MAPTKD), International Conference on Mathematics and Its Applications (ICMA-2024), organized by PG and Research Department of Mathematics, Periyar Arts College, Cuddalore on 13.12.2024
 3. Comparative Analysis of Statistical Process Control Using Truncated Distributions: A Biostatistical Application in Dairy Processing, National Seminar on Statistical Frontiers in Data Science: Applications in Climate, Health, and Sustainable Development (NSSFDS-25) on 18.11.2025
- Two Credit Course on Research and Publication Ethics of 36-hours duration (Department of Library and Information Studies and the Research and Development Cell of St. Thomas College (Autonomous) 18 May 2023 to 10 June 2023)
- "SAS Programming Course" (DEPARTMENT OF STATISTICS, UNIVERSITY OF LUCKNOW, LUCKNOW (March 16, 2024 – May 04, 2024)
- MOOC Course on Data Science with R Software 1-Probability and Statistical Inference, NPTEL-AICTE, January- April 2025 with a consolidated score of 75%
- Carried out Statistical Analysis for the M.Tech Projects
 1. Effect of Gelling Agents on Physicochemical Properties of Whey Protein Isolate Based Gels
 2. Characterization of Biofilm Forming Microflora from Organised Dairy Plants
 3. Assessment of Physico-Chemical and Functional attributes of Millets Incorporated Ice Cream
 4. Process Standardization of High Protein Functional Cookies for Women Using

Composite Flour Pre-mix and Casein Hydrolysate

5. Development of Dairy Based Fat Spread Incorporating Turmeric and Pepper
6. Assessment of Malabari Goat Milk Feta Type Cheese as a Matrix for the Delivery of Probiotics
7. Study of Nutritional Parameters of High Protein Composite Flour Functional Cookies and Selection of Suitable Packaging Material
8. Associative Action of LAB and Yeast in the Ecological Niche of Thayir Prepared by Backslopping

FDPs Attended

- Bincy TJ - One-week National Level Program (FDP) on "Generative AI and Advanced Tools for Academic Research" organized by Scrollwell