

Ms. Rincy Susan Raju



Assistant Professor

mail@bt.rincysr@sbcemail.in

PhD (ongoing): Kalasalingam Academy of Research and Education, Tamil Nadu, India

PG: Anna University, India

UG: Kerala University, India

Area of Interest

- ✚ Sustainable Foods,
- ✚ Food Safety Alternative food resources

Professional Work experience

- ❖ Assistant Professor, Sree Buddha College of Engineering ,17-7-2016-till date

Awards and Recognitions

- Awarded the best paper award in oral presentation for the paper entitled “Relative quantitation and Prokaryotic Expression of Aquaporin gene in two varieties of Oryza sativa-Pokkali and Jyothi" in National conference on Technological Advancement in Bioengineering (NCTAB'18) conducted from April 17th to 18th organized by SBCE, Pattoor.
- Attended the state level IDEA fest Phase III for entrepreneurship.

Outreach activities

Coordinator of “Jeevajala” ,drinking water quality monitoring and analysing camp conducted on 27 th and 28 th September 2018 at Pandalam in association with Pandalam municipality and water treatment Plant, Mangaram. Camp was conducted to analyse the water quality in the flood affected areas in and around Pandalam. Analysed around 200 samples from nearby areas.

FDP/ WORKSHOP CONDUCTED/ORGANISED/ ATTENDED

1. National workshop on Design of Experiments and Optimization Techniques at Sree Buddha College of Engineering from 14-18th May 2018.
2. Participated in the 31st Kerala Science Congress held during 2nd and 3rd February 2019 at Fatima Mata National College, Kollam.
3. ATAL-AICTE sponsored FDP on strategies and out comes to enhance sustainable green environment (19/Jul/2021 To 23/Jul/2021) Organized By The Department Of Chemistry, University College Of Engineering -BIT Campus, Tiruchirappalli, 2021.
4. EQIP-II Sponsored 6-Days Online Faculty Development Programme on “Advances in Biochemical, Biomedical and Bioenergy Sectors" from 19th - 24th April 2021 TKM college of Engineering, Kollam.
5. Entrepreneurship Development Program in Food Processing by MSME-Technology Development Centre (Process & Product Development Centre) Agra, Ministry of MSME, Govt. of India, June 14-18, 2021.
6. 6.One week online faculty development program on “bio fuels -recent trends and future prospects” 30th Aug-3rd September 2021 Sree Buddha College of Engineering Pattoor.
7. Five day online workshop on "Technological Interventions for the sustainable rebuilding of Kerala post flood" 8-12 March 2022 Sree Buddha College of Engineering Pattoor.
8. A five-day KTU sponsored faculty development programme on "Novel Technological Advancement in Downstream Processing" was jointly organised by the Department of Biotechnology and Biochemical Engineering and Department of Food Technology, Sree Buddha College of Engineering Pattoor from January 30th –3rd February, 2023.
9. A three-day KTU sponsored faculty development programme on “Research Methodology, Scientific Writing, and Publication Ethics” was jointly organised by the Department of Biotechnology and Biochemical Engineering and Department of Food Technology, Sree Buddha College of Engineering Pattoor from January 23–25, 2023

Courses taught at SBCE

Theory subjects

Bioprocess Calculations

Sustainable energy Process

Bioinformatics,

Disaster Management

Commercialisation Marketing and
management for Engineers,
Bioprocess Engineering,
Proteomics and Genomics,
Fermentation technology,
Advanced Genetic Engineering,

Plant Biotechnology,
Industrial Biotechnology,
Food Process Technology,
Cereal and Legume Technology,
Industrial Bioprocess Technology

Lab subjects

Microbiology Lab
Bioprocess Engineering Lab
Downstream Processing Lab

Molecular Biology and Fermentation
Lab
Analytical Techniques in
Biotechnology Lab

Research Publications

Conference publications

1. Dr. C Mohan Kumar, Rincy Susan Raju, Poster presented as “Prokaryotic expression and sequence analysis of aquaporin gene in two varieties of oryza sativa pokkali and jyothi” in Environment, Genes, Health and Disease 2011 (EGHD) held in Bharathiar University, Tamil Nadu, India in 9th to 11th December 2011.
2. Rincy Susan Raju Ashwin Kumar, Athira R Nair, Ashitha S, Sajina Hussain. Characterisation of Bioactive components from petiole two varieties of Colocasia seen in Kerala, National level symposium on Trends and prospects in Bioscience and Technology Towards Sustainability , EQUILIBRIA 2017 April 17-18 .Sree Chithra Thirunal College of Engineering, Trivandrum.
3. Rincy Susan Raju, Arun R, Nisha Susan Mathew Formulation ,design and evaluation of herbal handwash From averrhoa bilimbi E2F2 2017 conducted by Sree Buddha College of Engineering, Alappuzha, 17th to 18th April.
4. Rincy Susan Raju Priya Sunny Production of oxalic acid from artocarpous hirsutus by aspergillus sp using submerged fermentation and study of the nutritional content of the fruit E2F2 Conference Sree Buddha College of Engineering, Alappuzha, 17th to 18th April.
5. Rincy Susan Raju Relative quantitation and prokaryotic expression of Aquaporin gene in two varieties of oryza sativa-Pokkali and Jyothi E2F2 Conference Sree Buddha College of Engineering, Alappuzha, 17th to 18th April.
6. Rincy Susan Raju and Arun R Presented a paper on Production of Oxalic acid from Artocarpus hirsutus by Aspergillus sp using submerged fermentation in EQUILIBRIA'18,

a National level symposium conducted by Department of Biotechnology and Biochemical Engineering of Sree Chitra Thirunal College of Engineering during 23-24 March 2018.

7. Rincy Susan Raju and Nisha Susan Mathew Presented paper on Formulation, design and evaluation of herbal handwash from averrhoa bilimbi in EQUILIBRIA'18, a National level symposium conducted by Department of Biotechnology and Biochemical Engineering of Sree Chitra Thirunal College of Engineering during 23-24 March 2018.
8. Rincy Susan Raju*and Athulya Rajeev. Relative Quantitation and Sequence Analysis Of aquaporin gene in two varieties Of Oryza Sativa. BEST 2019,4th International conference on Bioenergy , Environment and Sustainable Technologies 28-30 January 2019.
9. Rincy Susan Raju. Sequence Analysis And q-PCR Studies of Aquaporin Gene In two varieties of paddy, International virtual conference on "Frontiers in Biological Research". Relative Quantitation and Sequence Analysis Of aquaporin gene in two varieties Of Oryza Sativa

Journal publication

Rincy Susan Raju, “*Characterization of bioactive components from petiole of two varieties of colocasia seen in Kerala*” in International Journal of Advance Research, Ideas and Innovations in Technology (Volume 4, Issue 2), April 2018

Roles and Responsibilities handled

1. Department Timetable coordinator
2. Department IQAC co-coordinator
3. Department Criteria coordinator NBA and NAAC
4. Department IEDC coordinator
5. Department Placement coordinator
6. Department (FT) SAC coordinator
7. Alumni Association Secretary

Weblink:

<https://vidwan.inflibnet.ac.in/profile/482721>