



# Sri SAI RAM INSTITUTE OF TECHNOLOGY

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Sai Leo Nagar, West Tambaram, Chennai - 44. [www.sairamit.edu.in](http://www.sairamit.edu.in)

## DEPARTMENT OF CHEMISTRY



Name : Dr.S.Daisylin Anbu Sujitha

Designation : Associate Professor

Email : daisylin.chem@sairamit.edu.in

Qualification : M.Sc., Ph.D

Specialization : Tea chemistry

Research Interest : Tea Chemistry

Experience in years : Teaching UG  PG  Industry

No. of Workshop/Conferences/  
FDP attended : Workshop  Conferences  FDP

No. of Workshop/Conferences/  
FDP Organized : Workshop  Conferences  FDP

Professional Membership	<ol style="list-style-type: none"><li>1. Life Member of the <b>Indian Society for Technical Education (ISTE)</b> from 2012 onwards.</li><li>2. IEEE Member from 2022 onwards</li><li>3. Member in IEEE Photonics Society</li><li>4. Member in IEEE Reliability Society</li><li>5. Member in IEEE Oceanic Engineering Society</li><li>6. Member in Electron Device Society</li><li>7. Member in Nanotechnology Council</li></ol>
Publications	SCI -1
	Scopus- 3
	UGC-7

Research Funded Projects	nil
Patents	4
Achievements	
Any Other Information	

### List of Publications:-

1. Venkatesan S and S Daisylin Anbu Sujitha (2007), **“Influence of Genotype and Manufacturing Process on the Activity of  $\beta$  – D – glucosidase and  $\beta$  – galactosidase in Tea”**, ‘*American Journal of Plant Physiology*’, 2(2): 175 - 182.
2. Daisylin Anbu Sujitha S, Ramasamy Shanmugasundaram Senthil Kumar, Govindasamy Kottur and Subramanian Murugesan (2011),” **Extraction of polyphenols from green tea and their external addition during fermentation on black tea quality**”, *Journal of Bio-science and Research*, Vol. 2(2): 93-100
3. S.Daisylin Anbu sujitha (2015),” **Studies on usage of tea waste in waste treatment**”,*International Journal of Applied Engineering Research*, V.10(33):24413-24428.
4. S.Daisylin Anbu sujitha (2015),” **Production of flavoured tea by adopting different flavour**”, *International Journal of Applied Engineering Research*, V.10, No(33):28145-28163.
5. S.Daisylin Anbu Sujitha and Chellam Jayanthi (2021)” **Inhibition of Osteoporosis by Endophytes – A Computational Approach**”, *International Journal of Pharmaceutical Research* V10(1): 876-880.
6. S. Daisylin Anbu Sujitha , R. Kiruthika, A. Raja Bhuvaneshwari (2021) **“A study of weight reduction corrosion in acid influenced metals”** *Materials Today: Proceedings* V46: 3614-3617.
7. A. Rajabhuvaneshwari, C.S. Vijai and S. Daisylin Anbu Sujitha (2022)” **Synthesis, Characterization, And Photocrosslinking Studies Of New Photosensitive**

Polyacrylates As A Negative Photoresist Material”, International Journal of Research and Analytical Reviews” V9(2) :847-866.

8. Govindasamy Kottur, Sugumar Daisylin Anbu Sujitha (2022) “Phenolic profiles and antioxidant power of different types of tea products”, Gradiva Review Journal V8(9): 392-400.
9. Chokalingam Saravanan, Sugumar Daisylin Anbu Sujitha · Marimuthu Senthilkumaran, Poovan Shanmugavelan, Kandhasamy Durai Murugan Paulpandian, Muthu Mareeswaran (2022) “Photophysical Properties of Linear, Net-structured and Branched Polybenzimidazoles” Journal of Fluorescence V(33):125–134

### List of Patent :

1. Granted a Patent on Water Purifying And Flavor Infusion Devices , Design No. : 347851-001 Date : 12/08/2021
2. Published a patent on An optimized bellow to increase the efficiency and stability of the pipe joints, Application number: 202141008189A, Published date: 05/03/2021.
3. Published a patent on Synthesis, Characterization, Antimicrobial And Anticancer Activities Of Pyrimidine, Pyridine Based Benzamide Derivatives, Application No.202241071803 A, Publication Date : 30/12/2022.
4. Published a patent on ZNO Nanoparticle Coated Cassia Auriculata Flower, Gumin, Fenugreek, Aspartame Grinded Powder Mixed Chewable Tablet For Diabetic Control, Application No.202241071813 A, Publication Date : 30/12/2022.

### Workshop / Conferences / FDP Attended:-

1. Attended a Two Day National Workshop on “**Industrial Electroplating and Metal Finishing**” organized by the Society for Advancement of Electrochemical and Technology and Central Electrochemical Research Institute at Coimbatore Institute of Technology (CIT) on 12-13<sup>th</sup> July, 2002.
2. Attended a One Day National Workshop on “**Role of polymers in modern engineering materials**” organized by the Department of Science & Humanities at Sri Sairam Institute of Technology on 12<sup>th</sup> March, 2013.
3. Attended an International Conference on “**Materials for Energy and Nano Convergence**” at Hindustan University on 4<sup>th</sup> -6<sup>th</sup> July, 2013.
4. Attended a One Day National Workshop on “**Green Composites**” by the Department of Mechanical Engineering at Sri Sairam Institute of Technology, on 27<sup>th</sup> August, 2014.
5. Acted as an Evaluator for 22<sup>nd</sup> National Children’s Science Congress -2014 held at SBOA School of Junior College on 22<sup>nd</sup> & 23<sup>rd</sup> November, 2014
6. Attended a One Day National Workshop on “**How to write Research papers for Refereed Journals**” at Sri Sairam Institute of Technology, on 24<sup>th</sup> January, 2015.

7. Attended a National Conference on **“Advanced materials and its applications”** by Department of Physics in association with Materials Research Society of India, Chennai chapter & Indian Association for crystal growth at Hindustan University, on 29<sup>th</sup> & 30<sup>th</sup> January, 2015.
8. Acted as a Evaluator for 23<sup>rd</sup> National Children’s Science Congress -2015 held at SBOA school of junior college on 31<sup>st</sup> January, 2015.
9. Attended a One Day Seminar on **“Nano materials for green Processes”** by Department of Chemistry at SSN College of Engineering, on 26<sup>th</sup> March, 2015.
10. Attended a One Day Seminar on **“Recent trends in Renewable Energy”** by Department of Electrical and Electronics Engineering at Sri Sairam Institute of Technology, on 31<sup>st</sup> March, 2015.
11. Attended a INDO-SWEDEN Clean Energy Symposium on **“Materials Energy Harvesting and Storage”** at Hindustan University, on 21<sup>st</sup> & 22<sup>nd</sup> July, 2015.
12. Attended an International Conference on **“Advances in Micro/Nano Technologies for Biological Applications”** by PSG Institute of Advanced Studies, on 7<sup>th</sup>-8<sup>th</sup> August, 2015.
13. Attended a One Day National Workshop on **“Advancements in chemical sciences”** by Department of chemistry at Sri Sairam Institute of Technology, on 18<sup>th</sup> July, 2016.
14. Attended an International Conference on **“Green chemistry and sustainable environment”** by Department of Chemistry at B.S.Abdur Rahman University, on 2<sup>nd</sup> - 3<sup>rd</sup> August, 2016.
15. Attended a Faculty Development Programme on **“Characterization of materials”** by Department of Physics at Sri Sairam Institute of Technology, on 20<sup>th</sup> -21<sup>st</sup> July, 2017.
16. Attended a Two Day Seminar on **“Emerging trends in materials and Technology”** at Jeppiaar Engineering College, on 27<sup>th</sup> - 28<sup>th</sup> July, 2017.
17. Attended a Faculty Development Programme on **“Engineering Teaching Pedegogy and Teaching Learning Process”** conducted by Sri Sairam Engineering College, on 03<sup>rd</sup> - 07<sup>th</sup> December 2018.
18. Attended a Three Day National Workshop on **“Computational Tools in Bimolecular Research”** at Satyabama University on 06<sup>th</sup> - 08<sup>th</sup> February, 2019.
19. Attended a Faculty Development Programme on **“Creative Thinking”** conducted by ICT Academy at Sri Sairam Institute of Technology, on 06<sup>th</sup> - 07<sup>th</sup> May, 2019.
20. Attended a Faculty Development Programme on **“Teaching Techniques”** conducted by ICT Academy at Sri Sairam Institute of Technology, on 12<sup>th</sup> - 13<sup>th</sup> July, 2019.
21. Attended a Five day Faculty Development Programme on **“Chemistry Significance in Engineering, Pharmacy, Nano Technology and Environment (CEPNE-2020)** conducted during 2<sup>nd</sup> to 6<sup>th</sup> June 2020.
22. Attended a National Level Five Day faculty development program on **“Scilab”** in Association With IIT-Bombay (Remote Learning Through Spoken Tutorial), from 15<sup>th</sup> - 19<sup>th</sup> , June 2020.
23. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Alternate Fuels" from 2020-9-1 to 2020-9-5 at Engineering College Bikaner.
24. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Waste Technology" from 2020-9-21 to 2020-9-25 at Giani Zail Singh Campus College of Engineering & Technology MRSPTU.

25. Participated in “5-day online FDP on Universal Human Values for DEEKSHARAMBH (Student Induction Program)” organized by NIT Patna during 21 – 25 September 2020.
26. Attended a one day Faculty Development Programme on Recent Pedagogu and ICT tools for outcome based Education held on 02/02/2022.
27. Participated in the AICTE Recognized Faculty Development Programme on Essential Industrial Chemistry for Engineers from 05/09/2022 to 09/09/2022 (One Week) at Sathyabama Institute of Science and Technology, deemed to be University.
28. Attended “International Faculty Development Program on Foremost Frontiers of Material Science” organised by the Department of Physics, Sathyabama Institute of Science and Technology, Chennai through Zoom Video Communications from 12th to 20th September 2022.
29. Participated in the AICTE Recognized Faculty Development Programme on 2D Nanomaterials: Potential & Applications through ICT from 17/10/2022 to 21/10/2022 (One Week) at Sathyabama Institute of Science and Technology, deemed to be University.
30. Participated in International Faculty development programme on current scenario in Advanced Material Research and Nanotechnology organized by the Department of Physics & IQAC, Rajapalayam Raju’s college, from 21<sup>st</sup> to 25<sup>th</sup> November 2022.
31. Attended a Faculty Development Program On Spectroscopic and Chromatographic Techniques from April 24<sup>th</sup> to 28<sup>th</sup> April 2023 at Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

### **Workshop / Conferences / FDP Organized:-**

1. Organized a One Day National Level Workshop on “**Role of polymers in modern engineering materials**” organized by the Department of Science & Humanities at **Sri Sairam Institute of Technology** on 12<sup>th</sup> March, 2013.
2. Organized a One Day National Level Symposium- SITSCHIUM'22 by the Department of Science & Humanities at **Sri Sairam Institute of Technology** on 7<sup>th</sup> June, 2022.