

SARAYU JAYADEVAN

I. Personal Profile

Sarayu Jayadevan
Assistant Professor
Department of Chemistry
Sir Syed College
Taliparamba

Jithoos
Mavichery
Payyanur
Kannur, Kerala, India
Pin Code: 670307



Name : SARAYU JAYADEVAN
Qualifications : M.Sc., NET.
Age & Date of Birth : 35& 21.09.1988
Gender : Female
Marital Status : Married
Nationality : Indian
Religion : Hindu
Phone No : 9961930612
E-mail : sarayujaydev@gmail.com
Languages Known : Malayalam, Hindi, English

II. Service Details

Institution	Designation	From	To
Sir Syed College, Taliparamba	Assistant Professor	01.02.2017	Till Date
Sir Syed College, Taliparamba	Assistant Professor in contract	06.06.2016	30.01.2017
Gurudev Arts and Science College Mathil	Assistant Professor	10.01.2012	31.03.2016

III. Academic Qualifications

Course	Institution	Year	Specialization
NET	CSIR	2012	Chemical Science
M.Sc	Mangalore University	2011	Organic Chemistry
B.Sc	Payyanur College, Kannur University	2009	Chemistry

IV. Research

Title of Ph.D.(Ongoing)

Synthesis and pharmacological studies of ibuprofen analogues.

Areas of Research Interest

Synthetic Organic Chemistry, Computational Chemistry.

Research Supervision: NA

No. of publications: 04

Sl. No.	Title	Journal	Authors	Date
1	Computational studies on the structural variations of MAO-A and MAO-B inhibitors - An in silico docking approach	Indian Journal of Biochemistry & Biophysics Vol. 59, pp. 276-295	Megha P Nambiar & Sarayu Jayadevan & BK Babu & AR Biju	March 2022
2	Heavy metal contamination in water sources of Thaliparamba municipality, Kerala, India	Radiation protection and environment 45(1)54-61	T. P. Nafeesa Baby, V. Vineethkumar, K. P. Shimod, C. V. Vishnu, Sarayu Jayadevan	June 2022
3	Synthesis and characterization of 3-[1-(4-isobutylphenyl)ethyl]-4-(5-nitro-2-furfurylidene) amino-5-mercapto-1,2,4-triazole	GCK Science Letters,(4),8-13	Sarayu Jayadevan	June 2015
4	Grinding method synthesis of 1,5-Diphenylpenta-1,4-dien-3-one	GCK Science Letters,(3),31-33	K. V. Sujith, Sarayu Jayadevan	August 2014

No. of book chapters/ Articles published: 02

1. Chapter 9: Portable Electronics and Microcapacitors- Gopakumar G., Sujith K. V., **Sarayu Jayadevan**, and S. Anas, page no. 137, Supercapacitors and their Applications- Fundamentals, Current Trends, and Future Perspectives Edited by Anjali Paravannoor, Baiju K. V.

2. Article on sodium, Moolaka Vijnana Kosham, published by Kerala Samsdhana Sarva Vijnana Kosham Institute.

Papers in conferences/ seminars

No.	Title	Authors	Seminar/conference	OP/PP	Date
1	Synthesis, characterization, biological and molecular docking studies of triazolothiadiazole comprising Ibuprofen drug	Sarayu Jayadevan , Sujith K.V., Biju A.R.	National seminar STAM-23, Department of Chemistry, Kannur University	PP	04.10.23-06.10.23
2	Molecular docking studies of ibuprofen-based hydrazide and hydrazones	Sarayu Jayadevan , Sujith K.V., Biju A.R.	National Seminar on Current trends in scientific research: Health of the planet, health of the people, NASC Kanhangad	OP	31.10.22-1.11-22
3	Synthesis of Ibuprofen derivatives with improved pharmacological activities	Sarayu Jayadevan , Sujith K.V., Biju A.R.	NCAFMM-2021, Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu	OP	12.3.21-13.3.21
4	Synthesis and structure elucidation of N'-(E)-1-phenylethylidene]benzohydrazide	Sarayu Jayadevan , Sujith K.V., Biju A.R.	ESAT-17, Rajarajeswari College of Engineering, Bangalore	OP	17.5.17-18.5.17
5	Antibacterial studies of 2-[(2,3-dimethylphenyl)amino]-N-(4-nitrophenyl)benzamide	Shyma M., Sarayu Jayadevan , Sujith K. V., Muralidharan A., Nadira M.	National Conference on Emerging Research Trends in Chemistry, Payyanur College	OP	06.1.16-08.1.16
6	Comparative cytotoxic studies of NSAIDs and its triazole derivatives on HEPG2 cell lines	Shyma M., Sarayu Jayadevan , Sujith K. V., Muralidharan A., Rajendra P	National Seminar on Recent Advances in Chemistry held at KMMGW College, Kannur	OP	08.9.15-11.9.15

V. FDP/ Orientation/Refresher Courses Attended

<i>Period of the Course</i>		<i>Name of Course</i>	<i>No. of Days</i>	<i>Conducting Authority</i>
<i>From</i>	<i>To</i>			
07.06.2018	04.07.2018	Orientation Programme	21	UGC-HRDC, Kannur University
14.08.2020	27.08.2020	Online Refresher Course in Chemical Science.	14	UGC-HRDC, Kannur University
11.02.19	20.02.19	FDP-FLAIR	10	Teaching Learning Center, IIT

				Madras
19.05.20	25.05.20	Digital platforms for teaching and learning	7	St. Joseph's college of education, Mysuru & PKM college of education, Kannur
22.11.21	28.11.21	Workshop on computational modeling in chemistry, biology & materials	7	Dpt. of applied chemistry, CUSAT

VI. Key Positions / Administrative Duties

Role	Institution/ Committee	Year
Member	Examination Inspection Squad, Kannur University	2023
Convenor	Gender equality cell, Sir Syed College	2023
Convenor	Arts and Cultural Forum, Sir Syed College	2022
Convenor	Counseling center (m-Power)	2022
Convenor	Online examination wing	2021
Mentor	Walk With the Scholar	2020

VII. Awards/ Achievements

- ✓ **Best scientific presentation award STAM-23**
- ✓ Synthesis, characterization, biological and molecular docking studies of triazolothiadiazole comprising Ibuprofen drug, Department of Chemistry, Kannur University on 04.10.2023
- ✓ **INSPIRE Fellowship** for University PG rank holders from DST, Ministry of Science and Technology, Government of India for gaining admission into the doctoral program, 2011.
- ✓ **Gold Medal** in MSc Organic Chemistry, Mangalore University, awarded by Syngenta International, Bangalore, 2011.
- ✓ **First Rank, MSc. Organic Chemistry**, Mangalore University, March 2011.
- ✓ **Third rank, BSc. Chemistry**, Kannur University, March 2009.

VIII. Invited talks/ Other Duties

No.	Role performed	Event	Date
1	Resource Person	Shasthrapadham, webinar for HS students, organized by Samagra Shiksha Keralam, Kannur North BRC	05.12.2020
2	Resource Person	Science class series, Webinar organized by Kannur district library council & Kerala Shasthra Sahithya Parishath	14.09.2021- 14.11.2021
3	Resource Person	Women's Day talk on the topic "Break the barriers" organized by the Girls Welfare Committee & and Dpt of Zoology, Payyanur College	08.03.2022
4	Resource Person	Talk on 'Chemophobia' aired by Science café, Akashavani, Kannur	24.01.2022
5	Resource Person	Science Day talk on 'Science and pseudoscience' at Keyi Sahib Training College, Karimbam	28.02.2022
6	Judge	Kasaragod district Shasthramela, HSS	04.11.2023
7	Judge	C V Raman State-level essay writing competition, RARS Pilicode	21.11.2023

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

Taliparamba
23.11.2023

Sarayu Jayadevan