

Department of Science and Humanities (CHEMISTRY)

Personal Details

Name:	Dr. S. SIVAGAMI
Designation:	Assistant Professor
Educational Qualification:	M.Sc, M.Phil., Ph.D
Experience:	13 years
Area of Specialization:	Organic Chemistry

Educational Details

S.No.	Degree	Branch/Specialization	Institute/University	Year
1	Ph.D	Organic Chemistry	Rajah Serfoji Govt. College (Bharathidasan University)	2019
2	M.Phil	Chemistry	Bharathidasan University	2006
3	M.Sc	Chemistry	A.V.V.M Sri Pushpam College, Tanjore	2004
4	B.Sc	Chemistry	Kunthavai Natchiar College, Tanjore	2001

Publication Details

International Journal

1. S.Sivagami^a, N.Ingarsal^{b*} and V.Balasubramani^c, "Virtual Screening and Evaluation of of 4-(2-bromo naphthalene-6-yl) -6-phenylpyrimidin-2-amine", International Journal of Chemistry and Applications, 5(4), pp. 257-265, 2013.
2. Prakash N, Sivakami S, Elamaran M and Ingarsal N, "Synthesis and Invitro bacterial screening amino- 4-(2-naphthyl)- 6-aryl-6H-1,3-thiazines", International Journal of Advance Chemistry and Applications, 1(2), 2014.
3. N Prakash, S Sivagami, N Ingarsal, "A Novel Bromonaphthyl Based 2-Amino-1,3-Thiazines: Synthesis, Characterization with Invitro Antimicrobial Screening", Research Journal of Chemical Sciences, ISSN 2231-606X; 5(7), 8-11, 2015.
4. S. Sivagami and N. Ingarsal*, "A New Benzodiazepine Scaffold: Synthesis, characterization and Antimicrobial Evaluation of 8-Methyl-2-aryl-4-(2-bromonaphthalen-6-yl) - 2,3-dihydro-1H-benzo[1, 5]diazepines", Journal of Emerging Technologies and Innovation Research, 5(7), 602-606, 2018.
5. SIVAGAMI SWAMINATHAN¹ and NAMASIVAYAM INGARSAL^{1*}, "An Efficient Synthesis and In vitro Antimicrobial Screening of 2-Cyanoimino-4-aryl-6-(1,1'-biphenyl-4-yl)-3, 4-dihydro-1H-Pyrimidines", Oriental Journal of Chemistry, 34(2), pp.777-782, 2018.
6. S.Sivagami¹, K.Thamilarasan², Mohamath yousoof salamath shah³ "POWER GENERATION USING WIND TURBINE AND SOLAR ENERGY", European Journal of Molecular & Clinical Medicine, 7 (11), 2020.
7. Rengarajan Kavitha, Swaminathan Sivagami, Identifying novel Leucine-Rich Repeat Serine/Threonine-Protein Kinase 2 (LRRK2) Inhibitors Using molecular Modeling approaches", Annals of R.S.C.B., 25 (6), 2021.
8. Swaminathan Sivagami, Rengarajan Kavitha, Multicomponent one-pot synthesis, characterization and antimicrobial screening of 2 cyanoimino-6-aryl-4-(6-methoxynaphthalen-2-yl)-3, 4-dihydro-1H-pyrimidines, Process Biochemistry, 123 (63-69), 2022.

National Journal

1. S Sivagami, N Ingarsal, "Synthesis and in vitro antimicrobial evaluation of 6-Aryl-4-(1, 1'-biphenyl-4-yl)-N-methyl-6H-1, 3-thiazin-2-amines", Der Pharma Chemica, 9(24), 12-14, 2017.

Program Organised

Seminar/Webinar

1. "Industry 4.0" The way to IT Industries organized by New Prince Shri Bhavani College of Engineering & Technology on 29-06-2020.
2. Applications of Block chain Technology and its Entrepreneurship Opportunities organized by New Prince Shri Bhavani College of Engineering & Technology on 23-03-2021.

Program Attended

FDP/STTP

1. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Productivity Enhancement through Meditation" from 2021-05-24 to 2021-05-28 at Jaipur Engineering College and Research Center, Jaipur.
2. AICTE Training And Learning (ATAL) Academy Online FDP on "Blended Learning and Flipped Classroom" from 2020-9-7 to 2020-9-11 at National Institute of Technical Teachers Training and Research, Chandigarh.
3. IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.
4. IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Innovation Ambassador training (Advanced Level) from 30th June - 30th July 2021.
5. One week Faculty Development Program on "Interactive Teaching Learning Strategies With Affective & Cognitive Approach (ITLS)" organized by Department of Electronics and Telecommunication Engineering at PVG's COET & GKPIM , Pune from 21st to 25th June 2021.
6. One week International Virtual FDP on "Bridge Engineering" organized by KPR Institute of Engineering and Technology, from 21-06-21 to 25-06-21.

Workshop

1. Two - Day National Level E-Workshop On "Understanding OBS Studio & Streamyard For E-Content Creation And Live Streaming" Organized By The Faculty Of Humanities And Science, Adayalampattu Phase -II Campus On 10th July & 11th July 2020.
2. Online Workshop on Rural Entrepreneurship Development (RED) Action Plan Conducted By Mahatma Gandhi National Council of Rural Education, Hyderabad on 26.09.2020.

3. Five Day Interdisciplinary Online Workshop on “Advance Teaching, Learning, Research Methodology and Innovations” organized by Saint Francis De Sales College, Nagpur from 1st June to 5th June, 2021.
4. Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 24-28 August, 2020 as organized by All India Council for Technical Education (AICTE).
5. 6 days STTP on “Recent Advances in Pavement Material Testing and Design” organised by the Department of Civil Engineering between 17th Aug.2020 and 22nd Aug.2020.

Certificate Courses

1. Introduction to Thermodynamics: Transferring Energy from Here to There certified by university of Michigan
2. Nuclear Reactor Physics Basics certified by university of Mephi
3. Basics of Extracellular Vesicles certified by university of California
4. Natural Gas certified by university of Buffalo and The State University of New York
5. Materials Science: 10 Things Every Engineer Should Know certified by university of California

Other Details

Books

1. Soil Fertilizers - S. Sivagami – 2008-ISBN-81-87300-47-2
2. Chromatography - S. Sivagami -2008- ISBN-81-87300-44-1

Projects Fund Received

1. Basic Principles and Calculations in Chemical Engineering offered by IIT Madras completed on 23-07-2021 (6 hrs)
2. Introductory Organic Chemistry I offered by IISER Pune (5.25)