


Resumé					Photo
I	General Information				
	Name	:	J. KAVITHA		
	Father's Name	:	A.JEYAM		
	Age & Date of Birth	:	48, 30.11.1976		
	Designation	:	Assistant Professor		
	Department	:	Chemistry		
	Mobile No	:	9047108750		
	Email ID	:	Kavithasakthikumar@gmail.com kavithaj@vvvcollege.org		
	Service in other colleges	:	22 years		
II	Educational Qualification				
	Examination Passed	Board/University	Subject	Year of Passing	Class / Percentage
	SSLC	Board of Secondary Education	Tamil, English, Science, Maths, History & Geography	1987	I Class , 88.2%
	PUC/ Higher Secondary	Board of Higher Secondary Education	Tamil, English, Maths, Physics, Chemistry, Biology	1989	I Class, 82.5%
	Bachelor's Degree	Manonmaniam Sundaranar University, Tirunelveli	Chemistry	1993	I Class, 87.4%
	Master's Degree	Manonmaniam Sundaranar University, Tirunelveli	Chemistry	1996	I Class, 70.7%
	M.Phil	Manonmaniam Sundaranar University,	Chemistry	1999	I Class, 71%

		Tirunelveli			
	PhD	Madurai Kamaraj University	BioInorganic Chemistry	2019	
	Others				
	SLET	Bharathidasan University, Tiruchirappalli	Chemistry	May 2000	
	NELTS	Conducted by CIEFL	Chemistry	December 2003	
III	Teaching Experience	:	UG	:	22 Years
			PG	:	20 Years
	Field of Specialization	:	Bioinorganic Chemistry, Medicinal Chemistry, Biological studies.		
	Awards won	:			
			<p>1. Best Paper presentation Award on UGC sponsored National Seminar on Futuristic Trends in Chemistry at Sri Meenakshi Govet. College for Women, Madurai</p> <p>2. Best paper presentation Award on UGC sponsored National Conference on Frontiers in Chemistry at SBK College, Aruppukottai.</p> <p>3. Kavikuyil Poovairajan Virudhu sponsored by Kalai Tamil Kazhgam, Madurai</p>		
IV	Research Experience		<p>10 years</p> <p>1. Department of Chemistry, VOC College, Tuticorin. 1 year (M.Phil)</p> <p>2. PG Department of Chemistry, American College, Madurai</p> <p>3. PG Department of Chemistry, Sri kaliswari College , Sivakasi.</p> <p>4. PG Department of Chemistry, SBK College, Aruppukottai.</p> <p>5. PG Department of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar</p>		
Minor Research Project					
	Topic	Period	Funding Agency	Amount sanctioned inRs	
	Synthesis, Characterization and Biological Studies on Mixed Ligand Transition Metal Complexes with Nitroketene Dithioacetal derivatives	2 years	UGC-SERO	4,00,000,lakhs	

Electrochemical Biosensor studies of Nitroketene dithioacetal – Metal Complexes	1 year	Tamilnadu State Council for Science & Technology – Students Projects Scheme 2017-2018 for Link: PS008	10,000
Fabrication of Optical Biosensor for Bilirubin Detection using Screen Printed Electrodes Functionalized with Carbon Nanotubes and TCAA/Graphene Oxide	1 year	Tamilnadu State Council for Science & Technology – Students Projects Scheme 2019-2020 for Link: PS041	7,500

In-house projects guided

Year	UG / PG / M.Phil	Number of Students	Area of study
2012	PG	3	Bioinorganic chemistry with medicinal chemistry
2015	PG	2	Transition Metal Complexes
2016	PG	2	Inorganic complex and Biological studies
2017	PG	2	Mixed ligand Transition Metal Complexes
2018	PG	2	Electrochemical sensor studies
2019	PG	4	Electrochemical sensor studies
2020	PG	2	Wound healing of CALOTROPIS <i>GIGANTEA</i>

No. of articles published in Journals

International	:	7
National	:	12

No. of papers presented in Seminars / Conferences

International	:	8
National	:	12

No. of articles published in Books / Conference Proceedings : 5

Articles published

Title of the Article	Name of the Journal	Impact Factor	Database	Citation Index
Synthesis Characterization	Der Pharma Chemica,	0.98	Scopus	

	and Antibacterial activity of Alkyl, Benzyl and Chloro substituted Benzyl derivatives of Nitroketene Dithioacetals	2014, 6(2): 294-298				
	Synthesis, Characterization, Antibacterial activity and Central Nervous System studies of Isoniazid condensed with aldehyde derivatives	Multidisciplinary research Journal of VVV College 2012, 1(1) PP: 78-84				
	Antibacterial studies on Crude Extracts of Solanum Surattense Leaves	Multidisciplinary research Journal of VVV College , 2013, 2(1), PP: 248-253				
	Electro-Oxidation and determination of Sulfur-containing Amino acid on Screen-Printed carbon Electrode modified with NZ	Der Pharma Chemica, 2017, 9(12): 70-75	0.98	Scopus		
	Synthesis, Spectral and Biological studies of Mixed Ligand Transition Metal Complexes of Nitroketene dithioacetal with Ephedrine	IndoAmerican Journal of Pharmaceutical Sciences, 5(1), 645-658, 2018				
	Electrochemical Biosensor studies of Nitroketene dithioacetal – Metal Complexes	IndoAmerican Journal of Pharmaceutical Sciences, 5(2), 1253-1266, 2018				
	Study of Nitroketene dithioacetal-Metal complex as a potent Cancer control therapeutic agent	Mukt Shabd ,UGC CARE Group I Journal ISSN No: 2347-3150 DOI: 10.37896/MSJ		UGC CARE Journal		
	SYNTHESIS, SPECTRAL AND CHEMICAL TERMITE CONTROL STUDIES OF NITROKETENE DITHIOACETAL-METAL COMPLEXES	International Multidisciplinary Innovative Research Journal-An International refereed e-journal ISSN: 2456 – 4613Volume –IV Issue – 2May -2020				
Papers presented						
	Date	Seminar / Conference	Level	Title of the paper	Venue	
	16.09.2011	Celebration of	National	International Year of	Ayya Nadar Janaki	

		International Year of Chemistry-2011	Seminar	Chemistry 2011	Ammal College, Sivakasi
08.12.2011	Emerging Trends and Innovative Technologies in Biological Sciences for a better tomorrow	International Seminar	Synthesis, Structural characterization & Central nervous system activity studies of substituted 4-pyridinecarbohydrazide	V.V.Vanniaperumal College for Women, Virudhunagar	
29.02.2012	Application of Irradiation Techniques in Science, Engineering and Medicine fields	National Conference	Nanotechnology in Chemistry	Kamaraj College of Engineering and Technology, Virudhunagar	
28.7.2011-29.07.2011	Emerging Trends in Chemistry	National Seminar	Synthesis, Characterization and Antibacterial activity studies of some substituted Isoniazid derivatives	VHNSN College, Virudhunagar	
6.2.2013	Futuristic Trends in Chemistry	National Seminar	Synthesis, Characterization and Central Nervous System studies of Isoniazid condensed with Aldehyde	Sri Meenakshi Government College for Women, Madurai	
14.3.2013-15.03.2013	Frontiers in Chemistry	National Conference	Synthesis, Characterization and Central Nervous System studies of Schiff base Isoniazid derivatives	Saiva BhanuKshatriya College, Arupukkottai	
28.01.2013	Nuclear Power in the service of mankind	State Level Seminar	Nuclear Energy Resources	V.V.Vanniaperumal College for Women, Virudhunagar	
5.2.2013	Nano materials	State Level Seminar	Nuclear Energy power Sources	V.V.Vanniaperumal College for Women, Virudhunagar	
27.8.2014	Materials and Drug Chemistry	International Conference	Srah Tucker College for Women, Tirunelveli	Synthesis, Characterization and Central Nervous System	

					Studies of Ephedrine Condensed with Aldehyde Derivatives
27.01.2017	Current Innovations of Chemistry in Medicine	State Level Conference	V.V.Vanniaperumal College for Women, Virudhunagar		Innovations in Medicinal Chemistry
7.9.2017-8.9.2017	Functional Materials	International Conference	Thiagarajar College, Madurai		Electro-oxidation studies of Mixed ligand Transition Metal complexes with Nitroketen dithioacetal
14.07.2017-15.07.2017	Recent Developments in the Applications of Transition Metal Complexes in Bioinorganic and medicinal Chemistry	National Conference	VHNSN College, Virudhunagar		Mixed Ligand Transition Metal Complexes with Nitroketen Dithioacetal motif
11.01.2018	Nanomaterials and characterization Techniques	State level One day Workshop	-		V.V.Vanniaperumal College for Women, Virudhunagar
23.02.2018	Modern Trends in Chemistry	International Conference	Synthesis, spectral and Biological studies of Mixed Ligand Transition Metal Complexes of Nitroketene dithioacetal with levodopa		Vivekananda College, Thiruvadakam, Madurai
26.07.2017	Re-training of Teachers Programme		Internal Quality Assurance Cell		V.V.Vanniaperumal College for Women, Virudhunagar
16-18.05.2019	Training of Teachers (ToT) for Student Induction programme(SIP)	National	University Grants Commission, South Eastern Regional Office, Hyderabad		International Institute of Information Technology, Gochibowli, Hyderabad

12-13.09.2019	Chemcompete 2019	State Level Workshop	Challenging Chemistry in Competitive Exams	V.V.Vanniaperumal College for Women, Virudhunagar
13.12.2019	International Conference	International Conference	STUDY OF NITROKETENE DITHIOACETAL-METAL COMPLEX AS A POTENT CANCER CONTROL THERAPEUTIC AGENT	V.O.Chidambaram College, Thoothukudi.

Articles published in Books / Conference Proceedings

Year	Book title / Conference	ISBN	Article title
2017	Recent Developments in the Applications of Transition Metal Complexes in Bioinorganic Chemistry	978-93-81723-70-8	Mixed Ligand Transition Metal Complexes with Nitroketene Dithioacetal motif-Synthesis, Characterization and Biological activity
2017	Functional Materials ICFM	978-93-86537-91-1	Electrochemical Biosensor studies of Mixed Ligand Transition Metal Complexes of Nitroketene Dithioacetal-Levodopa

Books published / edited

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V Seminars/Conferences/Workshops attended

Date	Level	Name of the Seminar / Conference / Workshop	Venue
16.09.2011	National Seminar	Celebration of International Year of Chemistry-2011	Ayya Nadar Janaki Ammal College, Sivakasi
08.12.2011	International Seminar	Emerging Trends and Innovative Technologies in Biological Sciences for a better tomorrow	V.V.Vanniaperumal College for Women, Virudhunagar
29.02.2012	National Conference	Application of Irradiation Techniques in Science, Engineering and Medicine fields	Kamaraj College of Engineering and Technology, Virudhunagar
28.7.2011-29.07.2011	National Seminar	Emerging Trends in Chemistry	VHNSN College, Virudhunagar
6.2.2013	National Seminar	Futuristic Trends in Chemistry	Sri Meenakshi Government

				College for Women, Madurai
14.3.2013-15.03.2013	National Conference	Frontiers in Chemistry		Saiva BhanuKshatriya College, Arupukkottai
28.01.2013	State Level Seminar	Nuclear Power in the service of mankind		V.V.Vanniaperumal College for Women, Virudhunagar
5.2.2013	State Level Seminar	Nano materials		V.V.Vanniaperumal College for Women, Virudhunagar
27.8.2014	International Conference	Materials and Drug Chemistry		Synthesis, Characterization and Central Nervous System Studies of Ephedrine Condensed with Aldehyde Derivatives
27.01.2017	State Level Conference	Current Innovations of Chemistry in Medicine		Innovations in Medicinal Chemistry
7.9.2017-8.9.2017	International Conference	Functional Materials		Electro-oxidation studies of Mixed ligand Transition Metal complexes with Niroketen dithioacetal
14.07.2017-15.07.2017	National Conference	Recent Developments in the Applications of Transition Metal Complexes in Bioinorganic and medicinal Chemistry		Mixed Ligand Transition Metal Complexes with Nirtoketen Dithioacetal motif
26.08.2019	International Conference	Recent Advances in Chemical Sciences		SRNM College, Sattur

VI Course attended (Refresher / Orientation / any other)			
	Name of the Course	Venue	Duration
	Orientation Programme	MKU, Madurai	03.02.2015 to 02.03.2015
	Refresher Course	MKU, Madurai	16.11.2018-06.12.2018
	Refresher Course	Pondicherry	8.10.2020-21.10.2020

		University	
VII	Role in Academic Bodies	:	Question Paper Setter and Question paper Evaluator at 1. SFR College, Sivakasi 2. Yadava College, Maduari 3. Vivekananda College, Tiruvedagam
	As a member of Board of Studies	:	
	University / College	Period	Board
	Member in Board of Studies	2011 Onwards 2011 Onwards	UG PG
Seminars / Conferences / Workshops organized			
	Date	Level	Theme
	28.01.2013	State Level Seminar	Nuclear Power in the service of mankind
	27.01.2017	State Level Seminar	Current Innovations of Chemistry in Medicine

COMPUTER SKILLS

- ❖ Packages - MS-Office.
- ❖ DBMS - dBase, Foxpro etc.
- ❖ Mathematical Packages - Origin, Matlab, Peakfit, Grapher, Win plotter
- ❖ Chemistry Software - Chem draw, Chemwindow, Mossfit, GSAS XRD Refinement

Resource person

- Workshop on Microscale Experiments in Chemistry organized by the SFR College, Sivakasi on 12.3.2011
- Guest lecture on How to face CSIR – NET Examination for PG Chemistry students at S.B.K. College, Aruppukkottai on 23.1. 2015
 - Guest lecture on How to face CSIR – NET Examination for PG Chemistry students at Devanga Arts College, Aruppukkottai on 11.8. 2016
 - Guest lecture at Sri Ramana College, Aruppukkottai
 - Guest lecture at SriVidya College of Education, Virudhunagar.