



Name		S.MARTIN	
Department	Chemistry		
Designation	<i>Assistant Professor</i>		
Mobile Number	8939021800		
Profile URL	<a href="https://vidwan.inflibnet.ac.in//profile/242825">https://vidwan.inflibnet.ac.in//profile/242825</a>		
Orcid ID	Orchid.org/0000-0002-1193-3522		
Google Scholar ID	<a href="https://scholar.google.co.in/citations/wgVjFfgAAAAJ">https://scholar.google.co.in/citations/wgVjFfgAAAAJ</a>		
Email	martin@aactni.edu.in		
Teaching Experience	UG: 16years	PG: 6 years	
Research Gate	<a href="https://www.researchgate.net/profile/martin">https://www.researchgate.net/profile/martin</a>	No of Publication:10 H-index:4, I-10 index-2	



### Academic Chronicle M.Sc., M.Ed., Ph.D., SET., F.I.C.S

	QUALIFICATION	INSTITUTION	UNIVERSITY	MONTH & YEAR OF PASSING	CLASS
1	UGC-NET/SET	UGC-SET		Oct-2012	NA
2	Ph.D. Chemistry	Loyola College (Autonomous), Chennai	University of Madras	Feb-2010	NA
3	M.Ed.	University of Madras (DDE)		June, 1997	Second
4	B.Ed.	Annamalai University (DDE)		May, 1996	Second
5	M.Sc. Chemistry	Loyola College (Autonomous), Chennai	University of Madras	May, 1995	First

6	B.Sc. Chemistry	Arul Anandar College (Autonomous), Karumathur	M.K. University	June, 1991	First
---	-----------------	---	-----------------	------------	-------

## Professional Experience

COLLEGE/UNIVERSITY	DESIGNATION	DURATION	
Jaya Engineering, Thiruninravur, Chennai	Assistant Professor	2006-2010	UG teaching
SreeSastha College of Engineering, Chennai – 123.	Assistant Professor & Head	2010-2012	UG teaching
APIT, Chennai	Professor	20/06/2012 – 30/05/2014	UG teaching
Arul Anandar College (Autonomous), Karumathur, Madurai District.	Assistant Professor	18/06/2014 – Till date	UG teaching

## Posts Held at Arul Anandar College

- ✓ Vice President of Chemistry Association (2017 –2020)
- ✓ ARISE Co-ordinator (Chemistry) (2015 –2016)
- ✓ ARISE Co-ordinator (Food Science & Technology) (2015 –2016)

## Posts Held at other colleges

- ✓ HOD cum First year coordinator at SSCE, Chennai
- ✓ Exam Cell Coordinator, APIT, Chennai
- ✓ Entrepreneur Cell – Staff Student Coordinator, JEC, Chennai.

## Research Area: Physical Chemistry

- Specialization: Chemical Kinetics, Quantum Chemistry, Thermodynamics & Cheminformatics, and Environmental Chemistry

## RESEARCH ACTIVITY

Activity	External question Setter / Panel member	P.G .Project Guide	Ph.D Supervisor No.1719,Mku	Resource person in on NET/SET/GATE
	1.Gobi Arts & Science, college(Autonomous),Gobic hettipalam-638453  2.Chellamal Arts &Science College,Chennai  3.Veltech University, Avadi ,chennai	2018(2)  2019(1)	Ms.J.Caroline Jancy  Rani (Reg.No.P5519), (Research Scholar) has registered for Ph.D degree inMKU	Since ,2015

## Conference/Workshop/Seminar-Organised

S. NO.	ORGANISING SECRETARY	PLACE	DATES	SPONSOR
1	In ter national Level Seminar on Expanding Frontiers in Chemistry (EFC-19)	AAC, Karumathur	13 <sup>th</sup> September, 2019	UGC
2	State Level Seminar on Expanding Frontiers in Chemistry (EFC-18)	AAC, Karumathur	20 <sup>th</sup> September, 2018	UGC
3	National Science day-2018	AAC, Karumathur	28 <sup>th</sup> , Feb, 2019	-
4	National Science day-2019	AAC, Karumathur	28 <sup>th</sup> , Feb, 2020	-
5	Science for Engineers	APIT,Chennai	22nd,Nov,2013	Anna University, Chennai
6	Science for Techlogists	SSCE,Chennai	17 <sup>th</sup> ,March,2011	Anna University, Chennai
7	“TechExhibition”	Jaya Groups of Colleges, Chennai	22-27 Feb,2009	
8	Spectroscopy for Engineers	JEC, Chennai	12 <sup>th</sup> December,2008	
9	State level Seminar on “REAXS 08”	JEC, Chennai	29 <sup>th</sup> , Feb, 2008	

## Resource Person

1. Served as a Resource Person for “**Workshop on NET/SET/GATE Exam**” organised by Department of Chemistry and the Career Guidance & Placement cell, Arul Anandar College (Autonomous), Karumathur during 10<sup>th</sup> March, 2017, 12 & 13 December, 2015.
2. Acted as the **Judge of “National Science Mela 2017: Science and Technology in the Promotion of Sustainable Tourism and Development”** organised by the f27, 28 & 29<sup>th</sup> January, 2017 sponsored by DST, Ministry of Science and Technology, New Delhi & Tamil Nadu Science & Technology Centre, Chennai

## Membership in Professional Bodies

- ✓ Member of Faculty of Indian Chemical Society (FICS)
- ✓ Official Member of Indian society for Environmental Education (FIEE)

## Publication in Journals/conferences

TITLE	JOURNAL	VOLUME NO; PAGE NO(S)	ISSN/ISBN	YEAR
1. Cobaloximes with axially substituted pyrazine carboxylic acid-Synthesis, Characterisation, spectral analysis and Antibacterial activities	EFC-21	44	978-93-91987-20-6	2021
2. A kinetic studies on oxidation of 3-Hydroxy benzaldehyde by bromine	EFC-19	23	978-93-86712-89-9	2019
3. A comparative study of kinetic studies on oxidation of benzaldehyde and 4-Hydroxy benzaldehyde by bromine	ICRTCB-2019	37	0021-9797(IF-7,489)	2019
4. N,N-Dihydrogenpiperazonium dichloridobis(dimethylglyoximate-k <sub>2</sub> N,N') Cobaltate(III) dihydrate	J.Chem.Crystallogr	39,908-912	1600-5368	2009
5.	Indian J.Sci	2(9),		2009
6. Halocobaloximes containing coordinated Pyrazine	Rasayan J.Chem.	1(2), 378-389	0974-1496	2008
7. N-tert-Butylpyrazine-2-carboxamide	Acta Cryst	E63, 11, m2670	16005368	2007
8. Effect of Transition metal ions on the oxidation of benzaldehyde by ; bromine	Asian J.Chem	19(4), 2659-2666	0974-6846	2007
9. Free radical scavenging activity and HPLC finget of Pterocarpus santalinus L-an in	Indian J.Sci.Tech	1(7)		2008

vitro study				
10. Phytochemical analysis and anti-diabetic activity of <i>Cadaba fruticosa</i> R.	Indian J.Sci.Tech	1(6),	(1-4)	2008

### Participation in Seminars/Workshops/Conferences

1. Participated in the State Level Seminar on over view of Environmental legislation under “SWACHHTA ACTION PLAN” - at Chellamal of women’s college, Chennai on 2<sup>nd</sup> December, 2021
2. Participated in the Refresher Course in Chemistry at Madurai Kamaraj University, Madurai from 16<sup>th</sup> November to 6<sup>th</sup> December, 2018.
3. Participated in the MUTA XXIV General Conference and Seminar on Democratic Secular and State funded Higher Education at MDB Community Hall, Nagercoil on 22<sup>nd</sup> and 23<sup>rd</sup>, September, 2018.
4. Participated in the State Level Seminar on Modern Trends in Chemistry-2018 at N.M.S.S.V.N College, Nagamalai, Madurai on 21<sup>st</sup> February, 2018
5. Participated in the International conference on Advanced Functional Materials for Energy, Environment and Biomedical Applications at Madurai Kamaraj University, Madurai on 11<sup>th</sup> and 12<sup>th</sup>, December, 2017.
6. Participated in the Two-day Workshop on “Institutional Score Card for Gender Mainstreaming” organised by Arrupe Centre for Policy Research in collaboration with Commonwealth of Learning, Canada on 22<sup>nd</sup> and 23<sup>rd</sup>, June, 2017.
7. Participated in the Orientation Programme at Madurai Kamaraj University, Madurai from 20<sup>th</sup> April to 17<sup>th</sup> May, 2017
8. Participated in the Science Workshop at Catalyzed at Yadava College, Madurai on 28<sup>th</sup> February, 2017
9. Participated in the Workshop on Curriculum Development on Nanoscience and Nanotechnology (CDNSNT-16) at Madurai Kamaraj University, Madurai on 7<sup>th</sup> October, 2016.
10. Participated in the Workshop on Micro Scale Analytical and FT-IR Techniques at St. Xavier’s College, Palayamkotta on 14<sup>th</sup> & 15<sup>th</sup> October, 2016.
11. Participated in the National Seminar on Recent Trends in Chemistry organised by Department of Chemistry, Fatima College, Madurai on 21<sup>st</sup> December, 2016
12. Presented a paper titled “Higher Education in the Digital Era and Innovative Teaching Learning Process in the Southern Regional Level Seminar on Higher Education in the Digital Era” at Sri Sarada College of Education, Salem on 10 and 11, November, 2016.
13. UCG-National Seminar on Chemistry-Recent Trends in chemistry (RTC) Organised by Jayaraj Annapackiam College, Periyakulam, Theni District, Tamil Nadu, Jan 8 & 9, 2015.
14. Workshop on New Technique in Catalysis, Royal Society of Chemistry, Gandhi gram Rural University, Gandhi gram, Dindugul District, Tamil Nadu, October 11, 2014
15. UCG-National Seminar on Chemistry-Current-Focus (CCF), Organised by Department of Chemistry, Madras Christian College, Chennai on March 18, 2010
16. 46<sup>th</sup> Annual Convention of Chemists 2009 & International Conference on Recent Research Trends in Chemical Science (ICRRTCS ’09), VIT University, Vellore 2<sup>nd</sup>– 6<sup>th</sup> December 2009.
17. Workshop on Nuclear Energy for National Development and Environmental Sustainability

(WONDER – 2007) July 19 – 21, 2007, Loyola College, Chennai and Department of Atomic Energy, Mumbai, India.

- 18.** National Conference on Nutraceuticals and the Future of Medical Science, Department of Biochemistry, Kongunadu Arts and Science College (Autonomous), Coimbatore on 22<sup>n</sup> February 2007.
- 19.** National Seminar on Non-Conventional Techniques in Synthesis (NSNCTS) 2007, The Ethiraj College for Women, Chennai on 23<sup>rd</sup> February 2007.
- 20.** National Conference “ECO-, SONO- and Nanochemistry & Recent advancement in Chemistry - Nee Chemlink 2006”, Department of Chemistry, The New College, Chennai