


Resumé							
I	General Information				<div style="border: 1px solid black; padding: 5px; text-align: center;"> Phot  </div>		
	Name	:	M.AMUTHA				
	Father's Name	:	M.MALAICHAMY				
	Age & Date of Birth	:	46 - 21-06-1972				
	Designation	:	Assistant Professor				
	Department	:	Chemistry				
	Mobile No	:	9442914926				
	Email ID	:	Karthikha1973@gmail.com				
	Service in other colleges	:	-----				
	Date of appointment	:	05-12-2007				
	Date of retirement	:	30-06-2030				
II	Educational Qualification						
	Examination Passed	Board/University	Subject	Year of Passing			Class / Percentage
	SSLC	Board of Secondary Education		1987			I Class
	PUC/ Higher Secondary	Board of Higher Secondary Education		1989			I Class
	Bachelor's Degree	Madurai Kamaraj University	Chemistry	1993	I Class		
	Master's Degree	Annamalai University	Chemistry	1997	I Class		
	M.Phil	Annamalai University	Chemistry	2005	I Class		
	PhD	Madurai Kamaraj University	Chemistry	2015			
	Others						
	B.Ed	Alagappa University	Chemistry				
III	Teaching Experience	:	UG	:	10 Years		
			PG	:	7 Years		
			M.Phil	:			
			PhD	:			
	Field of Specialization	:	General Chemistry				
	Awards won	:					
IV	Research Experience						

Major Research Project				-	
Topic		Period	Funding Agency	Amount sanctioned	
Minor Research Project					
Topic		Period	Funding Agency	Amount sanctioned in `	
Guideship details					
No. of M.Phil scholars guided		:	1		
No. of PhD scholars guided		Guided	:	Ongoing	:
Name of the PhD scholar Mrs.R.Nagasathya		Full Time / Part time Part time	Title of the Thesis		Period 2019- onwards
Projects guided					
Name of the student		Title of the Project		Period	Funding Agency Amount sanctioned `
In-house projects guided					
Year	UG / PG / M.Phil	Number of Students	Area of study		
2015-16	PG	1	Graphene Oxide composites		
2016-17	PG	1	Curcumin - metal scaffold		
2017-18	PG	2	Metal complex		
2018-19	PG	2	Phyto chemistry		
2019-2020	PG	1	Phyto chemistry		
2020-2021	PG	1	Nanochemistry		
No. of articles published in Journals Annexure Attached -1					
International		:	7		
National		:	3		
No. of papers presented in Seminars / Conferences Annexure Attached -2					
International		:	4		
National		:	3		
No. of articles published in Books / Conference Proceedings :-----					
VI Course attended (Refresher / Orientation / any other)					
Name of the Course		Venue	Duration		

	Orientation	MKU, Madurai	24-9-2008 - 21-10-2008	
	Refresher Course in Chemistry	MKU, Madurai	3-11-2009 -23-11-2009	
	Refresher Course in Chemistry	MKU, Madurai	2-11-2016 -22-11-2016	
	Refresher Course in Chemistry	MKU, Madurai	2-03-2018 – 21-03-2018	
	Short term course	Tiruchirappalli BDU HRDC - UGC	19-03-2021 -25-03-2021	
	Short term course	Dr.M.G.R University Chennai	20-07-2020-27-07-2020	
	Short term course	Nainital Kumaun University HRDC-UGC	03-08-2021 - 09-03-2021	
	Short term course			
VII	Role in Academic Bodies		:	
	As a member of Board of Studies		:	
	University / College	Period	Board	
	Member in Board of Studies	2009 Onwards 2010 Onwards	UG PG	
	As a member in Inspection Commission / Interview Panel / others			
	Particulars	Date	Venue	Course / Post
	Academic Audit			
	Year	Name of the University / College	Course	
	2015	Saraswathi Narayanan College, Perungudi, Madurai.	Chemistry	
VIII	Resource person / Chairperson			
	Activity	Date	Topic / Theme	Event
IX	Seminars / Conferences / Workshops organized			
	Date	Level	Theme	

X	Student - oriented Service	:	
	Staff - in - charge of various activities in the		
	i. Institution		
	2008 – 09	Youthwelfare	
	2009 – 10	IQAC	
	2010 – 11	Eco club	
	2011 – 12	Part-V Science Forum	
	2012- 13 2013 – 14	Part-V NSS	
	2014-15	Earnwhile you learn	
	2015-16	Earnwhile you learn	
	2016-17	Quiz Club	
	2017-18	Library	
	2018-19	Eco-club	
	2019-20	NCC	
	2020-2021	NCC	
	ii. Department		
	2008 – 09	Association	
	2009 – 10	Department Library	
	2010 – 11	Department magazine	
	2011 – 12	Extension Activity	
	2012 – 13	Guest Lecture	
	2013-14	Library	
	2014-15	Department magazine	
	2015-16	Guest Lecture	
	2016-17	Tour in charge	
	2017-18	Guest Lecture	
	2018-19	Association	
	2020-2021	Department Library	
	iii. Any other information (Membership in various academic related bodies / societies / associations)		

Sl.no.	Title of the paper	Name of the Journal	Volume	Page nos.	Year of publication
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1	A study on fluoride in drinking water of G KHSS in TN during Pre and post monsoon seasons.	IRJEVS	2 (12)	29-34	2013
2.	A study on distribution of Heavy metals in drinking water of GKHSS in TN during Pre and post monsoon seasons.	IJRCE	4 -2	63-71	2014
3.	A study on distribution of Major ions and Heavy metals in drinking water of GKHSS in TN seasonwise.	JOAC	3-4	1764-1775	2014
4.	An assessment of the distribution of heavymetals in Riverine sediments of Kortalaiyar River in TN.	IOSR - JAC	7-11	47-54	2014
5	Environmental Hydro chemistry and genesis of Fluoride in drinking water of GKHSS in TN.	IOSR - JAC	7-6	64-71	2014
6.	Synthesis Characterization and antimicrobial activity of multifunctional Graphene oxide –Curcumin scaffold.	IOSR- JPBS	5-11	33-38	2016
7.	Synthesis characterization and pharmaceutical applications of Curcumin metal complex	IOSR- JPBS	4-11	55-60	2016
8	Studies on Metal chealating property and pharmaceutical applications of curcumin metal complex	IOSR JPBS	3-1	72-77	2017
9	One pot hydrothermal synthesis characterization of silver nanoparticles on reduced Graphene oxide for its enhanced antibacterial and antioxidant properties	IOSR - JAC	10-1	53-58	2017
10	Multivariate statistical approach for drinking water quality analysis	RIJMR	1-1	73-78	2015
11	A facile approach for the synthesis of cobalt nanoparticles from plecranthus <i>Amboinicus</i> leaf extract and it's potential in biological applications	OAIJSE,	5-6		2020

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13					

List of publications in Conference Proceedings

1	Title of the paper in Conference Proceedings	Name of the Conference	Affliating Institute at the time of Publication	Year of publication
1	Futeristic Trends in chemistry.	national	Sri Meenakshi Govt College Madurai.	2013
2	Assessment of heavymetals in drinking water of GKHHS in Tamilnadu.	national	AAC Karumathur, Madurai.	2013
3.	Advances in environmental pollution controlprocess	-----	Rajapalayamrajus college.	2015
4.	Assessment of drinking water qualities using XLSTAT software.	national	Thiagarajar College, Madurai.	2015
5.	XLSTAT software prerogatives in the identification of fluoride annoying zones in drinking water. Of GKHSS.	International Design and applications, Drives and computing system.	KLN College of IT , Madurai	2015
6	Geospatial and monsoon impacts on drinking water sources of water in GKHSS .	Application of remote sensing , GIS and GPS Technologies NITI Aayog National	MKU. Madurai.	2015

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