

Resume

I General Information

Name : A.Anitha
Father's Name : S. Ariharaputhiran
Age - Date of Birth : 39, 14.01.1980
Designation : Assistant Professor
Department : Chemistry
Mobile No : 9943459164
Email ID : anitha.karuppasamy@gmail.com
Service in other colleges : 12Years 9Months
Date of appointment : 18.03.2016
Date of retirement : 13.01.2038



II Educational Qualification

Examination Passed	Board/University	Subject	Year of Passing	Class / Percentage
SSLC	Board of Secondary Education		1995	First / 91%
PUC/ Higher Secondary	Board of Higher Secondary Education	Maths, Physics, Chemistry, Biology	1997	First / 89%
Bachelor's Degree	Madurai Kamaraj University	Chemistry	2000	First / 84%
Master's Degree	Madurai Kamaraj University	Chemistry	2002	First / 71%
M.Phil	Madurai Kamaraj University	Chemistry	2008	Second / 57%
PhD	Anna University	Chemistry	2015	-----
SET	Mother Teresa University	Chemical Sciences	2016	Qualified under OC

III Teaching Experience : UG : 17 years
PG : 12 years

Field of Specialization : Physical Chemistry
Awards won : University rank holder in UG level,
College level rank holder in PG

In-house projects guided

Year	PG	Number of Students	Area of study
2009	M.Sc	6	Phytochemistry, Soil analysis
2016	M.Sc.,	2	Biomass carbon, adsorption
2017	M.Sc.,	2	Biomass carbon, adsorption
2018	M.Sc.,	2	Biomass carbon, adsorption
2019	M.Sc.,	2	Biomass carbon, adsorption

No. of articles published in Journals

International : 14

National : --

No. of papers presented in Seminars / Conferences

International : 6

National : 12

No. of articles published in Books / Conference Proceedings :15

Articles published

Title of the Article	Name of the Journal	Impact Factor	Database	Citation Index
Areca leaves as a source of carbon: Preliminary investigation as catalyst support for electrolytic hydrogen evolution in acidic medium	International Journal of Hydrogen Energy, vol. 38, no. 5, pp. 2263-2270.	4.054	Scopus	2
Biomass carbon – its prospects in electrochemical energy systems	International Journal of Hydrogen Energy, vol. 38, no. 10, pp. 4034-4045	4.054	Scopus	30
Activated carbon from grass – A green alternative catalyst support for water electrolysis'	International Journal of Hydrogen Energy, vol. 38, no. 25, pp. 10364-10372	4.054	Scopus	7
Refuse derived energy –Tea derived boric acid activated carbon as an electrode material for electrochemical capacitors	PortugaliaeElectrochimicaActa, vol. 31, no. 3, pp. 165-174	--	Scopus	2
Capacitive performance of onion peel derived carbon	International Journal of Current Research, vol. 6, no. 9, pp. 8433 -8438	0.455		
On the (pseudo)capacitive performance of jack fruit seed carbon	International Journal of Research in Engineering and Technology, vol. 3, no. 9, pp. 225-238	2.375		
Obtaining activated carbon from papaya seeds for energy storage devices	International Journal of Engineering Sciences – Research Technology, vol. 4, no. 1, pp. 110-122	2.114		

Capacitor behavior of activated carbon from used tea dust powder	Asian Journal of Chemistry, vol. 26, no. 24, pp. 1365-1370.	0.252		
Extraction of Cu(II) Using Biomass Carbon Derived From Banana Leaves	International Journal of Current Trends in Engineering & Research (IJCTER) e-ISSN 2455-1392 Volume 2 Issue 4, April 2016 pp. 506 – 514	3.468		
Potential Adsorption of Copper(II) From Waste water by Hibiscus Leaf (Hibiscus Rosa-Sinensis) Derived Carbon	International journal of current trends Engineering & research Vol 3(3) Mar 2017, pp 8-16 , ISSN :2455-1398	3.468		
Adsorptive Removal of Zinc from Aqueous Solution by Biomass Carbon Prepared from Neem (Azadirachta Indica) Leaf	Asian Journal of Science and Technology <i>Vol. 08, Issue, 05, pp.4858-4862</i>			
Adsorption and Removal of Zinc (II) from Aqueous Solution Using Peepal (Ficus Religiosa) Leaf Derived Carbon	International Journal of Modern Trends in Engineering and Research Volume 2 Issue 5, April 2016 pp. 31-37	4.364		
Adsorption of Copper by Activated Carbon from Thumbai (Leucas aspera) Leaves	International Journal of Applied Engineering Research Volume 13, Issue 13, 2018 pp. 11035-11040			
Removal of Copper (II) by Adsorption on Biomass Carbon Derived from Pongamia (Pongamia pinnata) Leaf	International Journal of Applied Engineering Research Volume 13, Issue 20, 2018 pp. 14669-14674			

Book Chapters

P.Kalyani, A.Anitha, Chapter 8,
Biomass Carbon: Prospects as

Electrode materials in Energy Systems, Innovations in Engineered Porous Materials for Energy Generation and Storage Applications, CRC Press, Taylor and Francis group, New York, 2018.

Papers presented

Date	Seminar / Conference	Level	Title of the paper	Venue
08.08.2002 - 09.08 2002	“Water pollution and Management ”	State	Solvent extraction of chromium from tannery effluent	St. John’s College, Palayamkottai.
20.01.2010 - 21.01. 2010	“Recent Advances in Magnetic Materials and Applications ”	National	Nano-carbon ferromagnets and nano-pore containment of magnetic materials	Thiagarajar College of Engineering, Madurai.
17.02.2011 - 18.02. 2011	“Environmental Sustainability: Challenges and Strategies”	International	Refuse derived energy – Tea derived boric acid activated carbon as an electrode material for electrochemical capacitors.	Fatima College, Madurai.
24.02.2011 - 25.02. 2011	Energy and Sustainable development	National	Coffee refuse derived activated carbon as an electrode material for electrochemical capacitor – Energy from Wastes	J.J College of Engineering, Tiruchirapalli.
11.01. 2012	“Emerging trends in chemistry”	National	Tea refuse –Source for electrode material in electrochemical capacitor	Bishop Heber College, Tiruchirapalli.
23.02.2012 - 24.02.2012	“Modern Trends in Chemistry – Green	National	Areca leaves derived carbon as a low-cost catalyst support for	PSNA College of Engineering and Technology,

	Chemistry”		hydrogen generation from water	Dindigul.
13.12.2012 - 14.12.2012	Sustainable Energy for Development - Opportunities and Challenges Ahead	National	Investigation of a novel and low cost water splitting catalyst support: Biocarbon from grass	St.Xavier’s College, Palayamkottai.
11.03.2013 - 12.03.2013	“Frontier Topics in Advanced Materials”	National	De-Milked coconut meat refuse as precursor for carbon in supercapacitor	Bishop Heber College, Tiruchirapalli.
07.08.2013 - 08.08.2013	Surface Engineering for Research and Industrial Applications	International	Prospects of Indian pennywort and banana leaf extracts as green corrosion inhibitors for aluminium.	RajalakshmiEngineering College, Chennai
10.01.2014 - 11.01.2014	“Chemistry in synergy with Materials and Biology	International	Capacitive performance of onion peel derived carbon.	Bishop Heber College, Tiruchirapalli
20.03.2014 - 21.03.2014	“Micro and Nano Composites – Principle, Manufacturing and Applications”	National	Capacitor behavior of activated carbon from used tea dust powder	Thiagarajar College of Engineering, Madurai
05.03.2015 - 06.03.2015	“Recent Advances in Chemical Sciences”	National	Banana leaf derived carbon as an electrode material for electrochemical capacitors	Gandhigram Rural Institute, Gandhigram

13.08.2015 – 14.08.2015	“Recent Advances in Chemistry”	National	Application of soya chunks based carbon as electrode material for supercapacitors	KandaswamiKandar’s College, Velur
25.02.2016 - 26.02.2016	Chemistry for Renewable Energy	International	Supercapacitors carbon electrode material from banana leaves?	Bishop Heber College, Tiruchirapalli
03.03.2016- 04.03.2016	Advances in Science, Engineering and Technology	International	Certain Aspectsof Polymers	SBM College of Engg& Tech, Dindigul
10.02.2017	Recent Advancements in Materials Science	National	Soya Chunks Carbon: A Prospective Electrode Material for Supercapacitors	JeyarajAnnapackiam College for Women, Periyakulam
22.03.2018	Water Quality and treatment	National	Adsorptive removal of Crystal violet dye- A Greener Approach	MKU, Madurai
27.12.2018	Advanced materials and their applications	International Conference	Adsorptive removal of copper by PongamiaPinnata leaf derived carbon	VOC College, Tuticorin
27.02.2019 - 28.02.2019	Emerging Trends in Bioinorganic and Pharmaceutical Chemistry	National Seminar	Energy from Refuse – Soot as Promising Electrode Material for Supercapacitors	VHNSN College, Virudhunagar

Articles published in Books / Conference Proceedings

Year	Book title / Conference	ISBN	Article title
2002	“ <i>Water pollution and Management</i> ”		Solvent extraction of chromium from tannery effluent
2012	“Modern Trends in Chemistry – Green Chemistry”		Areca leaves derived carbon as a low-cost catalyst support for hydrogen generation from water

2012	Sustainable Energy for Development- Opportunities and Challenges Ahead		Investigation of a novel and low cost water splitting catalyst support: Biocarbon from grass
2013	“Frontier Topics in Advanced Materials”		De-Milked coconut meat refuse as precursor for carbon in supercapacitor
2013	Surface Engineering for Research and Industrial Applications	International	Prospects of Indian pennywort and banana leaf extracts as green corrosion inhibitors for aluminium.
2014	“Chemistry in synergy with Materials and Biology	International	Capacitive performance of onion peel derived carbon.
2014	“Micro and Nano Composites – Principle, Manufacturing and Applications”	National	Capacitor behavior of activated carbon from used tea dust powder
2015	“Recent Advances in Chemical Sciences”	National	Banana leaf derived carbon as an electrode material for electrochemical capacitors
2015	“Recent Advances in Chemistry”	National	Application of soya chunks based carbon as electrode material for supercapacitors
2016	Chemistry for Renewable Energy	International	Supercapacitors carbon electrode material from banana leaves?
Sep 7 th & 8 th 2017	DST – SERB Sponsored International Conference on “Functional Materials(ICFM)”, Thiagarajar College, Madurai	International	Banana Leaf Carbon as Novel Adsorbent for Removal of Copper from Waste Water, ISBN : 978-93-86537-91-1
11.12.2017 & 12.12.2017	International Conference on “ Advanced Functional Materials for Energy, Environment and Biomedical Applications AFMEEB – 2017	International	Soot As a Novel Electrode Material for Supercapacitors, ISBN : 938656812 -8, PP- 25-26
22.03.2018	Water Quality and treatment	National	Adsorptive removal of Crystal violet dye- A Greener Approach
27.12.2018	Advanced materials and their applications	International Conference	Adsorptive removal of copper by

			PongamiaPinnata leaf derived carbon	
27.02.2019 - 28.02.2019	Emerging Trends in Bioinorganic and Pharmaceutical Chemistry	National Seminar	Energy from Refuse – Soot as Promising Electrode Material for Supercapacitors	
22.03.2018	Water Quality and treatment	National	Adsorptive removal of Crystal violet dye- A Greener Approach	Madurai Ka University, Madurai

V **Seminars/Conferences/Workshopsattended :**

Name of the Course	Venue	Duration
Intercollegiate Seminar on Personality Development and Humanistic Values	N.M.S.S.V.N College Madurai	06.02.2007
State Level Seminar on Examination Reforms	N.M.S.S.V.N College Madurai	16.02.2008
National Seminar on Advanced Developments in Polymer Technology	Ultra College of Engineering, Madurai	19.02.2010
State Level Symposium on Resources Extraction And Energy Consumption	Kongu Engineering College, Erode	31.07.2010
National Workshop on Electroanalytical Techniques	Alagappa University, Karaikudi	11.10.2010-13.10.2010
International Workshop on Climate Change	Thiagarajar College, Madurai	06.04.2012
National Level Seminar on Chemical Graph Theory	Velammal Engineering College, Madurai	18.10.2012-19.10.2012
National Level Seminar on Applications of Nanoparticles, Materials & Sensors	The American College, Madurai	07.12.2012-08.12.2012
Workshop on R&D Proposals to National and International Funding for researchers	NIT, Tiruchy	16.08.2013-17.08.2013
National Workshop on Patents: In, out and Future	MKU, Madurai	13.01.2015
State Level Students Seminar	Thiagarajar College, Madurai	24.02.2016
State Level Workshop on	VVV College,	11.03.2016

Screen Printing	Virudhunagar	
National Seminar on Nanomaterials and Characterization Techniques	VVV College, Virudhunagar	11.01.2018
Workshop on Entrepreneurship Awareness Programme for NSS Programme Officers	MKU, Madurai	02.02.2018- 04.02.2018
Workshop on Working with Nanomaterials	Kamaraj College of Engg& Tech, Virudhunagar	02.01.2019- 06.06.2019
National Seminar on Recent trends in Material Science	VVV College, Virudhunagar	01.02.2019
State Level Seminar on Recent trends in Chemistry	VVV College, Virudhunagar	04.02.2019
Workshop on The Art of Writing Effective Project Proposal	VVV College, Virudhunagar	03.08.2019
National Level Workshop on Innovative and Responsive Teaching Skills	Coimbatore Institute of Technology, Coimbatore	03.09.2019-07.09.2019
State Level Workshop on Chemcompete 2019	VVV College, Virudhunagar	12.09.2019-13.09.2019

Seminars/Conferences/Workshops organised :

Name of the Course	Level	Duration
Workshop on Polymer Technology	State	1 day

VI Course attended (Refresher / Orientation / any other)

Name of the Course	Venue	Duration
Orientation Programme for NSS Programme Officers	Avinashilingam Deemed University, Coimbatore	19.10.2005- 28.10.2005
Orientation Programme for Science Faculty Members	N.M.S.S.V.N College, Madurai	11.02.2009-14.02.2009
“Induction Training for Young Teachers”	Sona College of Technology, Salem	23.11.2009 - 4.12.2009 14 days
Retraining of Teachers Programme	VVV College, Virudhunagar	08.09.2015

Chemistry Faculty Enrichment Programme	AyyaNadarJanakiAmm al College, Sivakasi.	16.11.2016 - 21.11.2016 6 days
Chemistry Faculty Enrichment Programme	AyyaNadarJanakiAmm al College, Sivakasi.	06.06.2015 - 11.06.2015 6 days
Retraining of Teachers Programme	VVV College, Virudhunagar	04.08.2018
Orientation Programme	Pondicherry University	22.08.2018 - 18.09.2018 28 days

Any other

Trained NSS Programme officer