

## BIODATA

1. NAME: : Dr.A.MARY REMONAANONMANI
2. QUALIFICATION : M.Sc., Ph.D
3. DESIGNATION & DEPARTMENT : ASSISTANT PROFESSOR OF CHEMISTRY
4. EDUCATIONAL QUALIFICATION:

S.NO	COURSES	SUBJECT	YEAR OF COMPLETION	INSTITUTION
1.	B.Sc	CHEMISTRY	1996	FATIMA COLLEGE, MADURAI
2.	M.Sc	CHEMISTRY	1998	THE AMERICAN COLLEGE, MADURAI
3.	Ph.D	CHEMISTRY	2007	CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAİKUDI

5. TEACHING EXPERIENCE:

S.NO	DESIGNATION	PLACE	DURATION	NO.OF YEARS
1.	Lecturer	Fatima College, Madurai	13.06.2007-30.06.2009	2 yr – 17 days
2.	Assistant Professor – FIP Leave Vacancy	Fatima College, Madurai	1.7.2009 – 23.12.2010	1 yr, 5 months
3.	Assistant Professor	Govt. Arts College (W), Kumbakonam	28-02-2011-14.08.2012	1 yr 5 months, 14 days
4.	Assistant Professor	M.V.M. Govt Arts College, Dindigul	15.8.2012 - 26.6.2013	10 months
5.	Assistant Professor	Govt. Arts College for Men, Nandanam, Chennai	27.6.2013 – 2-11-2015	2 yr, 4 months
	Assistant Professor	Govt. Arts College, Nilakottai	3-11-2015 – 4.10.2017(FN)	1 yr, 11 months
	Assistant Professor	Sri Meenakshi Govt.Arts College for women, Madurai	4.10.2017 (AN) – till date	2 yr
Total Teaching Experience				12 years

6. ORIENTATION/REFRESHER COURSES/OTHER PROGRAMMES & TRAINING:

S.NO	NAME OF THE COURSE	TOPIC	PLACE	PERIOD
1.	Orientation	Chemistry	UGC Academic Staff College, University of Madras	04.05.2011-03.06.2011
2.	Refresher	Environmental Studies	UGC Academic Staff College, M.K.University	01.03.2013-21.03.2013
3.	Refresher	Chemistry	UGC Academic Staff College, M.K.University	16.11.2018-06.12.18

14. LIST OF PUBLICATIONS: ( INTERNATIONAL REPUTED JOURNALS)

1. Dissolution behavior of Mixed Ferrites and chromites in aqueous solutions containing chelating agents. A.A.M. Prince, A. Mary Remona, S. Velmurugan, S.V. Narasimhan, P.S. Raghavan and R. Gopalan, Power Plant Chemistry 2 (11) (2000) 645.
2. Exploration of electrodeposited platinum alloy catalysts for methanol electro-oxidation in 0.5 M H<sub>2</sub>SO<sub>4</sub>: Pt-Ni system, J. Mathiyarasu, A.Mary Remona, A. Mani, K.L.N. Phani and V. Yegnaraman, J. Solid-State Electrochemistry 8(12) (2004) 968.
3. Characterization of Ferrites and chromites prepared by solid-state methods: XRD, XPS and Mossbauer study, . A.A.M. Prince, A. Mary Remona, S. Velmurugan, S. Bera, C. Amirthavalli, P.S. Raghavan and R. Gopalan, Power Plant Chemistry 9(7) (2007) 432.
4. Comments of synthesis of ordered intermetallic PtBi<sub>2</sub> nanoparticles for methanol-tolerant catalyst in oxygen electro-reduction, A. Mary Remona, K.L.N. Phani, Chem. Mater. 19 (2007) 1529.
5. Methanol-Tolerant oxygen reduction reaction at Pt-Pd/C alloy nanocatalysts, A. Mary Remona, K.L.N. Phani, Fuel Cell Science and Technology 8(1) (2011) 11001.
6. Study of methanol-tolerant oxygen reduction reaction at Pt-Bi/C bimetallic nanostructured catalysts, A. Mary Remona, K.L.N. Phani, Fuel Cells 11(3), (2011) 385.
7. Facile preparation of diverse copper oxide nanostructures and their characterization, N. Murugesan, A. mary Remona, S. karthick Kumar, S. Suresh, Materials letters 222 (2018) 110.

15. TALKS DELIVERED:

S. No	Resource Person	Title	Place
1.	Dr.A. Mary Remona	Methanol-oxygen fuel cells	Madras Christian College, Tambaram, Chennai

16. Seminars, Conference, Symposia, Workshop, etc attended and presented:

1. A.M. Remona, S.Velmurugan, P.S. Raghavan, R. Gopalan and S.V. Narasimhan, “Studies on the conversion of copper ions to its other valence states in DCD formulations in the presence and absence of meal surfaces”, presented in National Symposium of Water & Steam Chemistry in Power Plants and Industrial units (SWATCH-2000, Feb.23-25), Mumbai, India.
2. A.M. Remona, S. Velmurugan and R.Gopalan, “Deposition of Copper on carbon steel during the dissolution of magnetite film in complex forming organic acids”, presented in 37<sup>th</sup> Annual Convention of Chemists 2000, Nov.14-18, Hardwar, India.
3. A.M. Remona, J. Mathiyarasu, K.L.N. Phani and V. Yegnaraman, “Electro-oxidation of methanol using a bimetallic underpotential deposit of Pt-Sn on polycrystalline platinum electrode” presented in Fifth Indo-German seminar on “Chemical modification of surfaces and Electrocatalysis” during 29-31 Jan. 2003 held at CECRI, Karaikudi, India.
4. J. Mathiyarasu, A.M. Remona K.L.N. Phani and V. Yegnaraman, “ Exploration of the electro deposited platinum alloy catalyst for methanol electrooxidation in acid medium”. Part I: Platinum-Nickel system, presented in “Fifth Indo-German seminar on “Chemical modification of surfaces and Electrocatalysis” during 29-31 Jan. 2003 held at CECRI, Karaikudi, India.
5. A.M. Remona, J. Mathiyarasu, K. L. N. Phani and V. Yegnaraman, “The Electro- Catalytic behaviour of Pt and Pt-Sb supported on carbon for Formic acid oxidation”, “National Conference on Application Oriented Nanomaterials (NANOMAT-2005)” during 10-11<sup>th</sup> March at Alagappa University, Karaikudi, India.
6. A.M. Remona, K.L.N. Phani, “Study of methanol-tolerant oxygen reduction reaction at carbon supported Pt-Pd alloy nanocatalysts, presented in an International seminar on “Frontier in Chemical Sciences” conducted by Madras Christian college, Tambaram, Chennai during October 2-4, 2008, India.
7. A.M. Remona, K.L.N. Phani, Study of formic acid oxidation at carbon supported Pt-Sn alloy catalysts, presented in an UG sponsored National seminar on “Chemistry – Current Focus” conducted by Madras Christian college, Tambaram, Chennai on March 24, 2010, India.
8. A.M. Remona, K.L.N. Phani, Study of formic acid oxidation at carbon supported Pt-Sb alloy catalysts, presented in a National seminar on “Frontiers of Chemistry – Current Focus” conducted by Fatima college, Madurai on Dec. 21, 2017, India.

9. S. Karthiga Devi, D.K. Soundararajan, A.M. Remona, Importance of Cuminum cyminum – in Siddha Pediatrics, 1st International Conference and Exhibition on Siddha Medicine, ICESM-2018 at University of Jaffina, Sri Lanka, during 23-27 Feb. 2018, India.
10. One day Inter-Collegiate workshop on carriers in Chemistry – Training Cum placement programme, organized by Department of Chemistry, Yadava College, Madurai, 6<sup>th</sup> Oct. 2016.
11. One day Workshop on Recent Trends in Green Chemistry organized by Department of Chemistry, RAMCO Institute of Technology on 11<sup>th</sup> Aug. 2018.
12. UGC sponsored International Seminar on Frontiers in Chemistry (FIC-2019) organized by Department of Chemistry, Madura College, Madurai on 21<sup>st</sup> January 2019.
13. State Level one day seminar on Modern Trends in Chemistry – 2019, S.V.N. College, Madurai on 14<sup>th</sup> March 2019.

17. OTHER RESPONSIBILITIES HOLD IN SERVICE (CURRENT/ PREVIOUS):

S.NO	NAME OF THE SERVICE/COMMITTEE	PLACE	PERIOD
1.	Fine Arts Coordinator	Govt. Arts College for Women, Nilakottai	3-11-2015 – 4.10.2017
2.	IQAC member (Chemistry Department Member)	Sri Meenakshi Govt. Arts College, Madurai	30.10.2017 till date

27. AWARDS/MEDALS RECEIVED

Received Young Scientist Award for the paper presentation in Young Scientist seminar conducted by Central Electrochemical Research Institute (CECRI) on 10<sup>th</sup> October 2004