

STAFF PROFILE

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Name : Dr.R.RAMACHANDRAN
Designation : ASSISTANT PROFESSOR



Date of Entry into Service : 16.06.2016

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Mobile (Optional) : +91 98657 25683

Education : M.Sc, M.Phil, Ph.D

Areas of specialization : Physical Chemistry, Electrochemistry, Nanoscience & Nanotechnology

Projects undertaken

Title of the Project	Name of the funding Agency	Duration	Completed/ Ongoing	Amount	Remarks
Development of the efficient carbon nanotube based conducting polymer network anchored metal nanostructured arrays for the non-enzymatic electrochemical biosensors	SERB (Science and Engineering Research Board)	Three years	Ongoing	24,59,000/-	-

Seminars Organized

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/ International	Co-ordinator/ Convener
International Level Seminar on FRONTIERS IN CHEMISTRY (FIC - 2019)	21.01.2019	UGC	International	Organising secretary

Seminors, Workshop and Conferences Attended

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Organization in which attended
Fourteenth National Convention of Electrochemists	6-7, December 2007		National	Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam
Current Trends in Chemistry CTric 2011	4-5, March		National	Cochin University of Science and Technology, Kochi, Kerala
International Conference on Nanoscience and Technology,	20-23, January 2012		International	Taj Hotel, held at Hyderabad
Nanomaterials for energy environment, catalysis and sensors (ICNEECS-15)	11-12 th Dcember 2015		International	Madurai Kamaraj University, Madurai
Ninth International Symposium on Advances in Electrochemical Science and Technology” (ISAEST-9)	December, 2-4, 2010		International	Hotel Green Park, Chennai, India
Recent advances in textile and electrochemical sciences-2013 (RATES-2013)	21 st to 23 rd March, 2013		International	Alagappa University, Karaikudi
National Workshop on Electroanalytical Techniques	October 11-13, 2010		National	Alagappa University, Karaikudi
International Conference and Workshop on New Materials and Devices for Photovoltaic Applications (ICWNMDP-2011)	February, 10-12, 2011		International	Madurai Kamaraj University, Tamil Nadu, India
Indo-Norwegian Satellite Meeting on Advances in Solar Cell Materials & Technologies	17 th December 2011		International	Madurai Kamaraj University, Madurai
International Year of Chemistry Celebrations-2011	19 th December 2011		State	Madurai Kamaraj University, Madurai
Microscale experiments in physical chemistry	29 th January-2015		State	V.V.Vanniaperumal College for Women, Virudhunagar
Water Quality & Treatment	22-23	-	National	DDE, MKU

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Books Published:

Title of the Book Published	ISBN No.	Publisher if any	Year of Publishing	Authored/Edited
-	-	-	-	-

Research Publications:

Title of the Journal	ISSN No. if any	Volume No. & Page No. if any	Year	International/National/State
Russian Journal of Electrochemistry		47 & 15-25	2011	International
International Journal of Electrochemical Science		8 & 11680-11694	2013	International
International Journal of Electrochemical Science		8 & 4072-4085	2013	International
Journal of Nanoparticle Research		16 & 2250	2014	International
International Journal of Electrochemical Science		10 & 859-869	2015	International
International Journal of Electrochemical Science		10 & 1199-1207	2015	International
International Journal of Electrochemical Science		10 & 3301-3318	2015	International
International Journal of Electrochemical Science		10 & 8581-8606	2015	International
International Journal of Electrochemical Science		10 & 8607-8629	2015	International
International Journal of Electrochemical Science		10 & 7111-7137	2015	International
International Journal of Electrochemical Science		10 & 9488-9512	2015	International
RSC Advances		5 & 76538-76547	2015	International
International Journal of Electrochemical Science		10 & 10355-10388	2015	International
International Journal of Electrochemical Science		11 & 506-534	2016	International
International Journal of Electrochemical Science		11 & 1247-1270	2016	International
International Journal of Electrochemical Science		12 & 1572 – 1588	2017	International
International Journal of Electrochemical Science		12 & 6990-7003	2017	International
International Journal of	-	14 & 1634-1648	2019	International

electrochemical science				
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Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,			
Ph.D.,(Part-time)			
Ph.D. (Full-time)	-	-	1

Details of Invited Lecture / Resource Person

Place	Date	Sponsoring Agency	Topic	Audience type	International/National/State Level
National Taipei University of Technology, Taipei 106, Taiwan (ROC)	28 th December 2012	-	Studies on some electrochemical and sonoelectrochemical processes	PhD Research scholars & M.Sc students	International
Dr. Abdulkalaam Nursing and Catering College, Puduvayal, Karaikudi	16 th February 2013	-	Role of Chemistry in Fire Safety Management	Nusshing & Catering students	State

Academic council/Board of Studies Member

Institution	For a period of	Dept.

Honours Achieved

Agency	Recognition IN/National/State	Cash award if any(Amount)	For the service of

Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)

Whether	Period

NSS/NCC/AEEP/YRC	

Reviewer/editor of a journal

Title of the Journal	ISSN No. if any	International/ National/State	Impact factor/h-index

Details of Orientation and Refresher attended

Orientation/Refresher	University/College/Institute at which attended	Duration	
		from	to
Orientation	Madurai Kamaraj University	16.11.2018	13.12.2018

Any Other Information :

1. **Visiting Fellow** (13.12.2012 to 30.12.2012) Electroanalysis and Bioelectrochemistry Lab, Department of Chemical Engineering and Biotechnology, National Taipei University of Technology, Chung-Hsiao East Road, Taipei – 106, Taiwan (ROC).
2. Young Scientist Award received from PEARL foundation (2017)
3. Any Academic Professional Body Membership:
Indian Science Congress Association Life Membership
4. Received IInd Year Grant from SERB
Rs. 5,00000/- (Five Lakhs Rupees)
5. Received Guideship from Madurai Kamaraj University
6. Collaboration with NTUT, Taiwan
7. Qualified the GATE 2006 (Graduate Aptitude Test in Engineering)