

## STAFF PROFILE

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**Name** : **Dr. P. Gajendran**  
**Designation** : **Assistant Professor**  
**Date of Entry into Service** : **20.02.2008**  
**E-mail** : **haigaja78@yahoo.com**  
**Mobile (Optional)** : **9865777350**  
**Education** : **M.Sc, M.Phil, Ph.D**  
**Areas of specialization** : **Inorganic Chemistry**

### **Projects undertaken**

Title of the Project	Name of the funding Agency	Duration	Completed/Ongoing	Amount	Remarks

### **Seminars Organized**

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Co-ordinator/Convener
Frontiers in Chemistry	14-15 March. 2013		State Level	Dr. P. Gajendran

### **Seminars, Workshop and Conferences Attended**

15-17.07.2014

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Organization in which attended
Thrust Areas in Materials	15-17		State Level	Lady Doak

Science”	July, 2004			college, Madurai
Summer School in Solid State and Structural Chemistry	4-25 July 2005	DST	Summer School	Indian Institute of Science, Bangalore
Material Characteristics and Properties” NACOMAT	8-9. Sempteber 2005		National	Fatima College, Madurai
Emerging Trends In Electrochemical Science and Technology”, ETEST 2006	7-8. March 2006		National	Raja College of Engineering and Technology, Madurai.
Nanoscience and Technology” ICNST	26 – 28. August 2006		International	Center for Nanoscience and Technology. University of Madras. Chennai.
Recent Trends in Chemistry”	9 – 10 August 2007		National	Jayaraj Annapackiam College for Women. Periyakulam.
Frontiers in Catalysis Research”	1 October 2010		Workshop	Department of Chemistry, Natioanl College, Tiruchirappalli.
Advanced Materials and its Applications” ICAMA	4-5. March 2011		International	Department of Physics and Chemistry, Kalasalingam University
Applications of Radioisotopes and Radiation Technology in Industry and Healthcare” NAARR	7-18. August 2012		National	Kalasalingam University.
Frontiers in Chemistry	14-15 March. 2013		National	Department of Chemistry, The Madura College, Madurai
Advanced Materials, Processing and Devices	15-16,		International	Deaprtment of Materials

	July, 2013			Science, School of Chemistry, Madurai Kamaraj University, Madurai
Emerging Trends in Chemistry	18-20 July 2014		National	Devangar Ars College, Aruppukottai
Competence Building Programme	2,3 Jan2015	UGC	State Level	The Madura College
Faculty Recharge Programme	14 <sup>th</sup> Dec 2016	-	State Level	The Madura College
Recent Trends in Physics and Chemistry	1 <sup>st</sup> March 2017	The Madura College	National	The Madura College
Workshop on “ USEof ICT in Class roomTeaching”	20 <sup>th</sup> December- 18 20182018	The Madura College	-	The Madura College
Frontiers in Chemistry – <b>FIC-2017</b>	18 December 2017	The Madura College	State	The Madura College
“Digital Learning and Innovative Instructional Strategies”	13 February 2018	The Madura College	State	The Madura College
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Competence Building Programme	2,3 Jan2015	UGC	State Level	The Madura College

Faculty Recharge Programme	14 <sup>th</sup> Dec 2016	-	State Level	The Madura College
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“Digital Learning and Innovative Instructional Strategies”	13 February 2018	The Madura College	State	The Madura College
"Recent Trends in Chemistry and Biosciences"	16-17 May 2019	Madurai Kamaraj University	International conference	Madurai Kamaraj University
"Reforms in Curriculum Design and Evaluation Based on OBE"	27, July 2019		State Level	The Standard Fireworks Rajaratnam College for Women, Sivakasi
"Frontiers Areas in Chemistry"	28, August, 2019	-	-	The Maura College
'Advanced Materials (AM-2019)	23, September, 2019	-	International Seminar	Madurai Kamaraj University
Faculty Recharge Programme on ICT tools	7-20, May 2020.	-	-	The Madura College

Online- CHEMQUIZ	2020	-	-	S.E.A College of Science, Commerce and Arts ,Bangalore
GENERAL CHEMISTRY E-QUIZ		-	-	V.V.Vanniyaperimal College for Women, Virudhunagar.
15. ONLINE CHEMISTRY QUIZ-2020.	26, May 2020	-	-	N.M.S.S.V.N College, Madurai

### 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
Investigation of oxygen reduction at platinum loaded poly( <i>o</i> -phenylenediamine) electrode in acid medium. <b>P. Gajendran</b> , S.Vijayanand and R. Saraswathi J. Electroanal. Chem		601 and 132 – 138.	2007	International
Enhanced electrochemical growth and redox characteristics of poly( <i>o</i> -phenylenediamine) on a carbon nanotube modified glassy carbon electrode and its Application in the electrocatalytic reduction of oxygen. <b>Pandi Gajendran</b> and Ramiah Saraswathi. Journal of Physical Chemistry C		111 and 11320 – 11328.	2007	International
Polyaniline-carbon nanotube composite – Review <b>Pandi Gajendran</b> and Ramiah Saraswathi Pure and Applied Chemistry. 80 (2008) 2377–2395		80 and 2377–2395	2008	International
Electrocatalytic performance of poly( <i>o</i> -phenylenediamine)-Pt–Ru nanocomposite for methanol oxidation. <b>Pandi Gajendran</b> and Ramiah Saraswathi J Solid State Electrochem 17 (2013) 2747.		17 and 2747.	2013	International

Recent Progress in Electrode Fabrication Materials and Various Insights in Solar cells: Review Rasu Ramachandran, Veerappan Mani, Shen-Ming Chen, George peter Gnana kumar, <b>Pandi Gajendran</b> , Natarajan Biruntha Devi, Rajkumar Devasenathipathy <i>Int. J. Electrochem. Sci.</i> ,		10 and 3301 – 3318	2015	International
An Overview of Fabricating Nanostructured Electrode Materials for Biosensor Applications Rasu Ramachandran, Shen-Ming Chen, George peter Gnana kumar, <b>Pandi Gajendran</b> , Natrajan Biruntha Devi, <i>Int. J. Electrochem. Sci.</i> ,		10 and 8607 – 8629	2015	International
High electroactive electrode catalysts and high sensitive electroanalytical technique for hydrogen peroxide detection R. Ramachandran, S.M. Chen, G. Gnana kumar <b>P. Gajendran</b> , A. Xavier, N.B. Devi <i>Int. J. Electrochem. Sci.</i> ,		11 and 1247-1270.	2016	International
Highly Enhanced Electrochemical Performance of Novel based Electrode Materials for Supercapacitor Applications – An Overview <i>Int. J. Electrochem. Sci.</i> , Rasu Ramachandra, Tse-Wei chen, Shen-Ming Chen <sub>1</sub> , Paulsamy Raja, Carlos Fernandez, Selvarajan Divya Rana, <b>Pandi Gajendran</b> , Ganapathy Raju, Thangaraj Baskar, Tharini		14 and 1634 – 1648	2019	International

### Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,	6	1	
Ph.D.,(Part-time)			
Ph.D. (Full-time)			

### Details of Invited Lecture / Resource Person

Place	Date	Sponsoring Agency	Topic	Audience type	International/National/State Level

### Academic council/Board of Studies Member

Institution	For a period of	Dept.
Yadava Womens College, Madurai	16.12.2016	Dept of Chemistry

**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 NSS/NCC/AEEP/YRC	Period

**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/ short term course	University/College/Institute at which attended	Duration	
		from	to
Orientation	Madurai Kamaraj University, Madurai	08.07.2010	04.08.2010
Refresher	Madurai Kamaraj University,	05.11.2013	25.11.2013
Refresher	Madurai Kamaraj University, Madurai	02.11.2016	22.11.2016
Short term course	Bharadhiar University, Coimbatore	06.02.2020	12.02.2020

**Any Other Information :**