




PROFILE

Name			S. RAYAPPAN
Department	Chemistry		
Designation	Assistant Professor and Head		
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Email	rayappan@aactni.edu.in		
Teaching Experience	UG: 19 years	PG: 4 Years	



Academic Chronicle M.Sc., M.Phil., Ph.D.,

S.No.	QUALIFICATION	INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
1	Ph.D. Chemistry	Thiagarajar College, Madurai	Madurai Kamaraj University	2015
2	M.Phil. Chemistry	Dept. of Chemistry, Bharathidasan University, Trichy	Bharathidasan University, Trichy	2001
3	M.Sc. Chemistry	St. Joseph's College (Autonomous), Trichy	Bharathidasan University, Trichy	1999
4	B.Sc. Chemistry	St. Joseph's College (Autonomous), Trichy	Bharathidasan University, Trichy	1997

Professional Experience

INSTITUTION	DESIGNATION	DURATION OF SERVICE	DESCRIPTION
Loyola College (Autonomous), Nungambakkam, Chennai	Project Assistant	2001 – 2002	Project
H.H. The Raja's College, Pudukkottai	Lecturer	2002 – 2004	UG teaching
Arul Anandar College (Autonomous), Karumathur, Madurai District.	Lecturer	2004 – 2007	UG teaching
Arul Anandar College (Autonomous), Karumathur, Madurai District.	Assistant Professor	2007 – Till date	UG & PG teaching

Posts Held in Arul Anandar College

- ✓ Head (2018 – till date)
- ✓ Dean of Students (2017 – 2018)
- ✓ Member of Governing Body (2017 –2018)
- ✓ Coordinator of Consumer Club (2014 – 2017)
- ✓ Convenor of College Day (2014 – 2015)
- ✓ Member in Students Admission Committee (2011 – 2013; 2017 – 2019)
- ✓ NSS Programme Officer (Unit-72) (2010 – 2012)
- ✓ Co-ordinator of ARISE (Chemistry) (2007 – 2012)
- ✓ Vice President of Chemistry Association (2006 – 2012)
- ✓ Assistant Director of College Boys Hostel (2005 – 2009)

Awards & Honours

- ✓ Received award for the best service rendered to the society by Tamil Nadu Citizen Consumer Protection Centre.

Academic Membership

- ✓ Board of Studies Member at PG Department of Chemistry, Saraswathi Narayanan College, Madurai
- ✓ Chief in Madurai Kamaraj University Valuation Board

External Question Setter & Examiner

- ✓ Saraswathi Narayanan College, Madurai
- ✓ Arulmigu Palaniandavar College for Women (Autonomous), Palani
- ✓ St. Joseph's College (Autonomous), Trichy
- ✓ Fatima College (Autonomous), Madurai
- ✓ The American College (Autonomous), Madurai
- ✓ G.T.N Arts and Science College, Dindigul
- ✓ Gobi Arts and Science College, Gobichettipalayam
- ✓ Holy Cross College, Nagercoil
- ✓ Thanthai Hans Roever College, Perambalur
- ✓ Vivekananda College, Thiruvudagam, Madurai

Projects Guided

- ✓ Guided two M.Phil. Chemistry students of Madurai Kamaraj University Evening College, Periyakulam for their M.Phil. Projects during the year 2016 – 2017.
- ✓ Guiding M.Sc. Chemistry students from the academic year 2018 – 2019.

Conference/Workshop/Seminar – Organised

S. NO.	ORGANISING SECRETARY	PLACE	YEAR	SPONSOR
1	State Level Seminar on Expanding Frontiers in Chemistry	AAC, Karumathur	2012	UGC
2	State Level Seminar on Expanding Frontiers in Chemistry	AAC, Karumathur	2011	UGC
3	State Level Seminar on Expanding Frontiers in Chemistry	AAC, Karumathur	2010	UGC
4	State Level Seminar on Expanding Frontiers in Chemistry	AAC, Karumathur	2009	UGC
5	State Level Seminar on Expanding Frontiers in Chemistry	AAC, Karumathur	2008	UGC
6	State Level Seminar on Expanding Frontiers in Chemistry	AAC, Karumathur	2007	UGC

Conference/Intercollegiate Competitions – Convened

S. NO.	CONVENER	PLACE	YEAR	SPONSOR
1	International Webinar on Photocatalysts and Electrocatalysts	AAC, Karumathur	2020	UGC
2	National Level Online E-Quiz on Chemistry	AAC, Karumathur	2020	UGC
3	International Conference on Expanding Frontiers in Chemistry (EFC-2K19)	AAC, Karumathur	2019	UGC
4	Intercollegiate Competitions “ChemFest-2K19”	AAC, Karumathur	2019	UGC

Journals – Published

S. No.	Title	Journal Name	ISSN Number	Volume No., Page No.(s)	Year
1	A study on removal of fluoride ions using <i>Aloe barbadensis</i> as a low- cost natural adsorbent	Journal of Applicable Chemistry	2278-1862	3 (3): 1189-1201	2014
2	Defluoridization using a Natural Adsorbent, <i>Cissus quadrangularis</i>	World Journal of Pharmacy and Pharmaceutical Sciences	2278-4357	3 (6): 1899-1915	2014
3	Defluoridization Using a Natural Adsorbent, <i>Strychnos Potatorum</i>	Int. Journal of Engineering Research and Applications	2248-9622	4 (10): 10-15	2014
4	A Study on Removal of Fluoride Ions from Drinking Water using a Low- Cost Natural Adsorbent	International Journal of Engineering Research & Technology (IJERT)	2278-0181	3 (4): 1340-1346	2014
5	Picomolar-level electrochemical detection of thiocyanate in the saliva sample of smokers and non-smokers of tobacco using carbon dots doped Fe ₃ O ₄ nanocomposite embedded on g-C ₃ N ₄ nanosheets	Elsevier- Electro chemical Acta	0013-4686	283: 914-921	2018
6	A Facile Noval Synthesis of ThO ₂ /Fe ₃ O ₄ Nano composite with enhanced photocatalytic activity for the degradation of malachite green under visible light irradiation	International Journal of Pharmaceutical Sciences and Research(IJPSR)	2320-5148	10(6):2902-2910	2019

7	Clinically Pertinent Manganese Oxide/Polyoxytyramine/Reduced Graphene Oxide Nanocomposite for Voltammetric Detection of Salivary and Urinary Arsenic	International Journal of Cluster Science	1040-7278	DOI 10.1007/s10876-019-01696-4	2019
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Conference/ Workshop/ Seminar – Presented

S. No.	Name	Type	Name of the Organization	Date
1	International Conference on Functional Materials	International	Department of Chemistry, Thiagarajar College, Madurai	7 th & 8 th September 2017
2	National Seminar on Frontiers Areas in Chemistry	National	Department of Chemistry, Thiagarajar College, Madurai	26 th & 27 th February 2015
3	International Conference on Biological Inorganic Chemistry (ICBIC-2013)	International	Department of Chemistry, Periyar University, Salem	20 th - 22 nd February, 2013
4	National Seminar on Expanding Frontiers in Chemistry	National	Department of Chemistry, Arul Anandar College, Karumathur	14 th - 15 th February, 2013
5	National Seminar on Recent Advances in Chemical Sciences (RACS-2012)	National	Department of Chemistry, H.H. The Rajah's College, Pudukkottai	3 rd March, 2012
6	International Conference on Environment, Genes, Health and Diseases-2011(EGHD)	International	Human Molecular Genetics Laboratory, Department of Zoology, School of Life Sciences, Bharathiar University, Coimbatore	9 th - 11 th December, 2011

Conference/ Workshop/ Seminar – Attended

S. No.	Conference/Seminar/ Workshop	Level	Date	Place
1	Current Trends in Chemistry	National	26 & 27.2.2014	Arul Anandar College, Karumathur
2	Green Bio-energy	National	27 & 28.12.2012	Alagappa Government Arts College, Karaikudi
3	Emerging Trends in Chemistry – UGC sponsored	National	4.10.2012 & 5.10.2012	Cardamom Planters College Bodinayakanur
4	Seminar participation – Modern Trends in Chemistry	National	24 & 25.09.2009	Thiagarajar College, Madurai
5	Seminar participation – Emerging Trends in Chemistry – UGC sponsored	National	24-25.07.2008	Cardamom Planters Association College Bodinayakanur