FACULTY PROFILE

Personal Details

Name : Dr. K. UMAVATHY

Designation : ASSISTANT PROFESSOR

Department : CHEMISTRY

Date of Birth : 19.05.1980

Contact Address : 196, POINTCARE STREET, O.K.PALAYAM, MUDALIARPET, PUDUCHERRY 605 004

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Area of specialization : Chemistry

Educational Qualification				
Degree/ Diploma	**Subject**	**Institution / University**	**Year of Completion**	**Grade / Percentage**
Ph.D	Chemistry	Pondicherry University	2021	-
M.Phil	Chemistry	Bharathidasan University	2006	79.8%
M.Sc	Chemistry	Annamalai University	2002	7.13/10
B.Sc	Chemistry	Madras University	2000	65%,
HSC	MATHS & BIOLOGY	Tamil Nadu Board	1997	61.5%,
S.S.L.C	-	Tamil Nadu Board	1995	82.6%

Sl.No.	Name of the college / institution	Year		Service	
		From	**To**	**Year(s)**	**Month(s)**
1	Immaculate College for Women	4.05.2022	till date		
2	Pondicherry Engineering College	2016	2017	01	-
3	Avvaiyar College of Engineering and Technology For Women	14.07.2014	19.08.2016	02	01

4	CK College of Engineering and Technology	5.4.2010	31.12.11	01	08
5	Dr.Pauls Engineering College	31.07.2009	31.12.2009	-	05
6	Sri Venkatachalapathy Polytechnic College	10.07.2003	12.08.2005	02	01

Orientation / Refresher / Faculty Development Programme Attended

Title of the Programme	Place	DATE
Spectral investigation and qualitative analysis of atropine	SRM Unversity, Chennai	4th March 2011
Empowering Women through Technical Education	Anna University of Technology, Tiruchirappalli	3rd December 2010
Vani Certificate course	All India Radio, Puducherry	21.6.10 to 25.6.10
Thrust Areas in Chemistry	Anna University, Chennai	12th March 2011

Workshop / Seminar Programme Attended

Title of the Programme	Place	DATE
Computational intelligence techniques	Pondicherry Engineering College, Puducherry	30h July 2020
Medicinal Plants and Advances in Natural Products for drug discovery	Mahendra Institute of Technology, Namakkal	27th July 2020
Art of Thesis Writing	Loyola College and Rehoboth Academic Services at Loyola College, Chennai	12th October 2019
Development using Eclipse as an IDE	Annamalai University, Chidambaram	September 23rd -24th, 2016.

National / International Conference Attended

Title of the Conference	Place	DATE
International Conference on Innovative Challenges in Multidisciplinary Research and Practices	Hindusthan College of Arts and Science, Coimbatore	15th June to 19th 2020
Materials Science and its Future Prospects (NCMSFP – 2017)	University College of	March 1st, 2017

	Engineering, Anna University, Villupuram	

Research Papers Presented

Title of the Paper	Place	DATE
Artificial Intelligence Perspective in Encoding of Coordination Complexes	Annamalai University	12 & 13 October 2018
In-silico encoding technique for transition metal heteroleptic complexes	National Institute of Technology , Tiruchirappalli	27 & 28 April, 2018
Encoding of higher oxidation state transition metal complexes using a semantic structure markup system in XML	University of Madras, Guindy Campus, Chennai	March 15th -17th, 2018
In-silico modeling of Atomic chemical Entities	Annamalai University, Chidambaram	February 2nd - 3rd, 2018 . ❖ (Received Best Paper Award)

Research Papers Published

Title of the Paper	Journal	ISSN/Volume/Year
Ontology based conceptual models for predicting fundamental organic reactivity	Journal of Molecular Graphics and Modelling, (Elsevier)	https://doi.org/10.1016/j.jmgm.2020.107691
Artificial Intelligence Perspective in Encoding of Coordination Complexes	International Journal of Research in Advent Technology	2018

Key Positions/Responsibilities Held / Holding

Position / Responsibility	Institution / Organization	Period

		From	To
RRC &YRC Coordinator	Avvaiyar College of Engineering and Technology For Women	14.07.2014	19.08.2016
Exam Cell member & Discipline committee incharge	CK College of Engineering and Technology	5.4.2010	31.12.11

Project Guidance

S.No	Project Guided	No.of Students
	UG	15
	PG	
	M .Phil	

Other Details (if any)	
S.No	Details