

CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

- 1. Name** : K.UmaSivakami
2. Date of Birth : 13.12.1985
3. Address : No-7, Sri Annamalai Appartments,
11-A West Cross Extension, Thillainagar,
Tiruchirappalli-620018.

Residential	Office
No-7, Sri AnnamalaiAppartments, 11-A West Cross Extension, Thillainagar, Tiruchirappalli-620018.	Cauvery College for Women, Trichy- 620018

ACADEMIC INFORMATION

6. Researcher ID:

Google Scholar: <https://scholar.google.com/citations?user=ybIJ8EMAAAJ&hl=en>

ORCID id:0000-0002-2233-5827

Vidwan:205978

- 7. Experience** : 5 years
8. Areas of Specialization : Physical ChemistryThermodynamics and Ionic liquids)
9. Languages known : Tamil, English, Malayalam
8. Educational Qualification :

Degree	Year	College/University
Ph. D	2019	Bharathidasan University
M.Sc	2009	ManonmaniamSundaranar University

9. Experience :

Date of Joining	Institution	Year of Experience
13.07.2018	National College	1 year
17.06.2019	Cauvery College for	Till date

	Women, Trichy-18	
--	-------------------------	--

9. Areas of Specialization : Physical Chemistry (Thermodynamics and Ionic liquids)

10. Languages known : Tamil, English, Malayalam

11. Subjects Taught :

UG	Inorganic Chemistry, Physical Chemistry, General Chemistry, Food Chemistry, Analytical Chemistry, Agricultural Chemistry, Cosmetic Chemistry, chemistry in everyday life.
PG	Physical Chemistry, Organic Chemistry, Physical methods in Chemistry, Chemistry for competitive Exam. Instrumentation Techniques.
M.Phil	

12. Research Supervision:

	University from where guide ship obtained	Thesis		
		Completed (in numbers)	Year of Completion	Pursuing (in numbers)
M.Phil	nil			
PhD	2022	-	-	01

13. Details of Publications:

Journal Name & Volume	Year of Publication	DOI Number	Name of the Paper	Impact Factor
J. Serb. Chem. Soc. 2018, 83, 1-11,	2018	10.2298/JSC170829056U	Density, Viscosity, Ultrasonic sound and excess thermodynamic parameters of ternary liquid mixtures of morpholine, 1,4-	0.9
J. Environ. Nanotechnol". Vol ume 7, No.3 (2018) pp.22-33.,	2018,	doi:10.13074/jent.2018.09.18 3319		

Int J Med Res., 1(9), 459-463			dioxane with toluene and nitrobenzene at 308.15K. Thermodynami c Properties and Interaction Abilities of Ternary Liquid Mixtures at 308.15K and 318.15K.,	
ReTeLL.,Vol 18, 54-63..	2017			
Ayush Dharpan Journal., Vol 11, 1-4	2020		Thermodynami c and transport properties of binary liquid mixtures containing cyclic ketone and cyclic ether at 308.15 and 318.15K	3.423
Material Letter-X	2022	10.1016/j.mlblux.2022.10013 4	A Brief study on Molecular Interactions in a binary liquid mixture at 308.15K and 318.15K.	1.9
International Journal of Thermodynamics	2022	doi.org/10.5541/ijot.1121062	Efficacy ofof Kulatha Udwarthana In Over weight and its fourier Transform Infrared Spectroscopy	1.9
International	2022			

[illegible]

Of Chemistry			Benzene at Varying Temperatures	
			Biofilm Inhibition Against Staphylococcus aureus and Alizarin Red Dye-Removing Capability of Plant-Based Green Synthesis of Lanthanum Oxide (La ₂ O ₃ NPs) Nanoparticles	0.8
MDPI	2025	https://www.mdpi.com/2624-781X/6/2/32#		3.7

14. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
8.12.2017	Department Of Chemistry, Anna University(BIT-Campus)	Advanced Oxidation process	J. Environ. Nanotechnol
15.01.2017	Department Of Chemistry, St.	Recent Advances in Chemistry research and	Thermodynamics

	Joseph's College	it's Applications	
19.05.2021	SSN College of Engineering	Sustainable Materials and Technologies for Bio and Energy Applications, (SMTBEA-2021)"	Thermodynamics
20.05.2021	SSN College of Engineering	Sustainable Materials and Technologies for Bio and Energy Applications, (SMTBEA-2021)"	Ionic liquids

15. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International	Topic
October, 2015	St. Joseph's College	Science Academics	National	
March, 2013	IIS, University, Jaipur	International Conference on New Emerging Trends in Chemistry	International	
2.5.2020 3 PM	Guru Anga Dev Teaching Learning Education Centre SGDP Khalsa College	Challenges and opportunities before indian higher education due to covid 19		
4.5.2020 3PM	Guru Anga Dev Teaching Learning Education Centre SGDP Khalsa College	"Corona pandemic and Economic Challenges In India		
11.5.2020 and 12.5.2020 10AM	Cauvery College for Women (Autonomous), Trichy	Virtual teaching on moodle classes		
13.5.2020	Loyola College of	E-content		

	Education, Chennai.	Preparation finding copyright free Images and Sounds		
18.5.2020	organized by IQAC under UGC PARAMARSH Scheme	E-Learning and MOOCs in Higher Education and New Roles of Teachers		
	PG Department of Physics, Cauvery College for Women (Autonomous), Trichy	"How Nanoscience and Technology Inspired from Nature and Transforming the World?"		
4.5.2020	Department of Chemistry, Cauvery College for Women (Autonomous), Trichy	Chemistry Behind MRI Contrast Agents		
6.5.2020	Department of Computer Technology PSG college of arts and science, Coimbatore	HOW TO BE A SUCCESSFUL INSTRUCTIONAL DESIGNER IN e- LEARNING		
13.5.2020 2.00 p m	Department of Biotechnology, Karpaga Vinayager College of Engineering and Technology, Chengalpattu.	Bio track Industry ready Biotechnology Professional		
15.5.2020	Department of Chemistry, Bakthavachalam College for Women, Chennai.	Modern Analytical techniques for Public Health Analysis		

22.5.2020	Department of Chemistry, Pioneer Kumaraswamy College, nagercoil.	Applications of Spectroscopic Methods for Chemical Analysis”		
22.5.2020 2.00PM	PG and Department of Physics, Holy Cross College, Trichy	Art of Writing Scientific Articles and Project Proposals		
28.5.2020 And 29.5.2020 10.30AM	PG and Research Department of chemistry, St. Joseph’s College, Trichy.	Materials And Technology For Sustainable Development		
21.5.2020	Centre for Research and Development, Holy Cross College, Tiruchirappalli	Reimaging research in the Era of Disruption and Uncertainties		
17.5.2020	Dr.Zahir Husain College, Sivagangai and Oneyes technologies, Chennai	Modern Teaching Technique		

16. Details of Seminars / Conferences / Workshops Organized:

Date	Title	National / International	Topic

17. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
(November 22nd- December 12th)2019	B.Sc Teachers Training Programme	Talent Development Centre, Indian Institute of Science, Kudapura.

		Campus(MHRD and L&T Supported)
28/6/2021 to 2/7/2021	Skill Development Training Program	CSIR-Central Electrochemical Research Institute.

18. Details of Study Materials / Books written and published:

19. Details of Chairing as Resource Person:

Date	Title of the Seminar/Conference	Session Chaired
21/03/2024	Student Development program (Under DBT-TAR College scheme)	Resource person

20. Administrative Positions held in the College:

Nature of Position	Year

21. Details of Incharge / Participation in Extracurricular Activities :

(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

Nature of Activity	Period of Incharge

22. Details of Participation in Consultancy, Training, Development etc.

Date and Tear	Title of the Course	Organizer	Score/Grade
22/11/2019 to 12/12/2019	B.Sc Teachers Training Programme	Talent Development Centre, Indian Institute of Science, Kudapura. Campus(MHRD and L&T Supported)	‘A’ grade

12/06/2019 to 10/01/2020	Online Refresher Course in Chemistry for Higher Education Faculty- 2019(arp19-ap51)	ARPIT-NTA	82%
-------------------------------------	--	------------------	------------

23. Details of Membership in Academic Bodies/ Board of Studies: Nil

24. Details of Membership of Professional Bodies: Reviewer in International journal of Thermodynamics and BP International

25. Countries visited academically: Nil

27. Any other information if any:

During lockdown period

Number of FDPattended:5

Number of webinars attended:11

Number of workshop attended:

28. Workshop Attended in CCW: 3