

FACULTY PROFILE



1. Name : Dr.S.KALAI SELVI
2. Designation : Associate Professor
3. Qualification : M.Sc., M.Phil., Ph.D.
4. Department : Chemistry
5. DOB & Age as on 15.12.17 : 11.03.1983 & 38
6. Gender : Female
7. Address : D.No. 72/2 Sakthi Nagar,
Ayappaly, Ellapalayam,
Erode (Tk.), Erode (Dt) - 638004
8. Phone –Mobile : 9940865955
9. E-mail ID : kalaiprony@gmail.com
10. Marital Status : Married
11. Languages Known : Tamil, English & Hindi
12. Particulars of Educational Qualification :

Name of the Degree	Specialization	Name of the College	Name of the University	Month & Year of Passing	% of Marks / Grade obtained	Class obtained
Ph.D	Chemistry	Bharathiar University	Bharathiar	November 2020	-	-
M.Phil	Chemistry	Erode Arts College, Erode	Bharathiar	March 2009	60%,	-
M.Sc	Chemistry	Govt Arts College, Ooty	Bharathiar	April 2007	75%	I Class
B.Sc	Chemistry	Sri Vasavi college Erode	Bharathiar	April 2004	78.1%	I Class with distinction
HSC	Mat, Phy, Chem & Com.Sci	Vellalar Girls Mat Hr.Sec.School	Martication	March 2001	79.5%	I Class
SSLC	Mat, Phy, Chem & Com.Sci	Mahendra Mat.Hr.Sec School	Martication	March 1999	76.5%	I Class

13. Additional Qualification : NIL

i. GATE Score (In case of B.E. / B.Tech.) : -

ii. NET / SLET (In case of M.C.A. / M.Sc. / M.A.): -

14. Title of Ph.D. Thesis: Studies on Modified Eichhornia Crassipes for Decolourisation of Wastewater and its Effective Utilization as Admixture in Cement Mortar

15. Faculty in which Ph.D. was awarded/doing : -

16. Area of Specialization : -

17. Academic Experience as on 28.02.2022 :

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Velalar College of Engineering&Technology	Associate Professor	01.07.2019	Till date	2	7	27
Velalar College of Engineering&Technology	Asst.Prof.	01.09.2012	30.06.2019	6	9	29
Excel College of Technology	Asst.Prof.	30.10.2008	19.06.2012	3	8	9
Maharaja college for women, Perundurai.	Lecturer	05.08.2008	30.10.2008		2	25
Total				13	4	29

Add rows for additional information

18. Industrial Experience: NIL

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Total							

19. Research Experience : _____NIL_____ years

20. Number of projects: NIL

i) Completed

Sl. No.	Title of the project	Funding Agency	Amount	Year (From-To)

ii) On-going

Sl. No.	Title of the project	Funding Agency	Amount	Date of Commencement	Expected date of completion

21. Number of Ph.D. candidates successfully completed : _____ - _____

22. Number of Ph.D. candidates currently working : _____ - _____

23. Number of M.Phil.Candidates successfully completed : _____ - _____

24. Number of M.Phil.Candidates currently working: _____ - _____

25. Publications:

i) Books

Sl. No.	Author/s	Title	Publisher	Year of publication	Page No.
1	Dr.K.Manikandan Dr.S.Kalai Seivi, L.Umamaheswari, D.Umamaheswari	Engineering Chemistry	KKS Publisher ISBN No.978-93-83216-32-1	2021	190
2	S.Kalai Seivi, L.Umamaheswari, D.Umamaheswari, M.Priya	Engineering Chemistry	V.K.Publications Publisher of Science and Engineering Books & ISBN No. 81-90856766	2019	192

ii) Articles in Journals

Sl. No.	Title of Article	Journal	Volume No.	Page No.	Month & Year
1	Optimization of column studies on the adsorption of Congo red dye using phosphoric acid treated EichhorniaCrassipes	International Journal of Chem Tech Research.	vol 12, no. 5	188 - 199	July 2019
2	Adsorption of Synthetic Textile Wastewater with Phosphoric acid modified Carbon and Commercial Carbon	International Journal of Research and Analytical Reviews	vol. 6, no. 2	334- 342	June 2019
3	Adsorption of Congo red from aqueous solution onto activated carbon obtained from EichhorniaCrassipes – Batch Study	International Journal of Research and Analytical Reviews	vol. 6, no. 2	181- 189	June 2019

iii) Monographs/Reports (if any) _____

iv) NPTEL Courses: **Wastewater Treatment and Recycling** 12 weeks course completed - secured 83 % (28.10.2018)

26. Summer schools / Workshops / Seminars / Symposium / Conferences, etc., attended

S. No.	Period		Name of the Event	Topic / Title	Organized by	Only participated	Participated and presented the paper
	From	To					
1	04.01.2021	07.01.2021	Webinar	Recent Trends in Chemistry (RC 2021)	Department of Chemistry, Bharathiar University, Coimbatore	Participated	

2	04.09.2019	04.09.2019	CSIR - National Conferenc on Recent Trends in Smart Materials and Technologies in Bioresources and Environment Safety	Decolourisati on of Malanoidin Pigment Modelling, Biokinetics and Thermodyna mic Studies	VCET	Participated and Presented
3	01.06.2021	21.06.2021	Webinar	7 th International Yoga Day	ArogiyamAnanda m Yoga Education Centre & Awareness School of Yoga Sports Education Research and Training Foundation	Participated

27. Refresher / Orientation course / FDP, etc., attended

Sl. No	Period		Topic / Title	Organized by	Expenses met by VCET / Own / Organizer
	From	To			
1	21.06.2021	25.06.2021	Advances in Chemical Research	Dr. N.G.P. Institute of Technology, Coimbatore,	Organizer
2	16.06.2021	22.06.2021	“Recent Developments in Materials Science - 21	Sree Saraswathi Thyagaraja College, Pollachi, Coimbatore	Organizer
3	20.11.2020	21.11.2020	Trends in Convergence Science of Chemistry in Medicine”	Department of Chemistry, Kongu Engineering College, Perundurai, Erode-	Organizer
4	16.09.2020	18.09.2020	Frontiers in Chemistry (FC 2020)	St.Joseph’s College of Engineering, Chennai	Organizer
5	11 05.2020	13.05.2020	Improving your Research Visibility – Research Impact and Metrics	VCET – Erode	Organizer
6	11 05.2020	12.05.2020	Futuristic Perspectives of Nanomaterials in	R.M.D Engineering College, Kavaraipatti	Organizer

			Biomedical Application and Energy Storage Devices		
7	04.06.2020	08.06.2020	Chemistry in our day-to-day life	PG and Research Department of Chemistry, Jamal Mohamed College, Thiruchirappali	Organizer

28. Seminars / Conferences / Symposia / STTP / SDP / Workshops organized: NIL

S. No	Date	Event	Status as organizer	Topic / Title	Name of the funding agency	Grant (Rs.)	Status (Applied/ Granted/In Progress / Completed) If completed the date of submission of UC with reference

29. Referee ship / Editorship of Journals, Conferences/Seminars chaired etc.: NIL

Sl. No.	Name of the Journals and Conferences/ seminar	Organized by	Date / Period

30. Chairman/Member of Authority/Committee etc: NIL

Sl. No.	Chairman/Member/Secretary	Committee/Authority	Year (From-To)

31. Membership to professional Organization/Associations:

Sl. No.	Name of the Association/Organizations	Life member/Ordinary member
1	Indian Society for Technical Education	Life Member

32. Travelled Abroad for training or Studies (if 'yes' fill the following details): NIL

Country visited	Period of Visit		Purpose of Visit
	From	To	

33. Consultancy Information's, if any : NIL

34. Details of the Patents, if any: NIL

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Sl. No.	Dairy Number	Title	status

35. Contribution for the Development of the Institution/ Department

a	To The Institution	A member in Admission team
b	To the Department	<ul style="list-style-type: none"> • Class Mentor • NAAC Coordinator (Chemistry & S&H) • Lab In-charge (Chemistry) • R & D coordinator (Chemistry) • Auditing In charge (S&H) • BOS member

36. Academic Performance

a. Results obtained:

Sl. No	Academic Year	Course	Sem	Class	Course	No. of Students	Pass %	
1	2018-2019	Theory	ODD	17CS3A	Environmental Science and Engineering	63	93.65	
				18EE1A	Engineering Chemistry	40	100	
				18EE1A	Chemistry Laboratory I	40	100	
		Practical		18CS1B	Chemistry Laboratory I	54	100	
				Theory	EVEN	18EE2A	Environmental Science and Engineering	39
		18IT2B				Environmental Science and Engineering	47	100
		18EE2A				Chemistry Laboratory II	39	100
Practical	18IT2B	Chemistry Laboratory II	47	100				
	Theory	ODD	19EC1B	Engineering Chemistry		52	98.04	
19IT1B			Engineering Chemistry	62		98.36		
19EC1B			Chemistry Laboratory I	52		100		
19IT1B			Chemistry Laboratory I	62	100			
Practical	EVEN		19EC2B	Environmental Science and Engineering	51	100		
			19IT1B	Environmental Science and Engineering	61	100		
			19EC2B	Chemistry Laboratory II	51	100		
Theory		ODD	19IT1B	Chemistry Laboratory II	61	100		
			21BM1A	Engineering Chemistry	58	98.28		
			21BM1B	Engineering Chemistry	56	94.64		
			21MD01	Engineering Chemistry	54	98.15		
Practical	21BM1A		Chemistry Laboratory I	58	100			

				21MD01	Chemistry Laboratory I	54	100
		Theory	EVEN	21MD02	Environmental Science and Engineering	54	100
				21CE02	Environmental Science and Engineering	33	100
		Practical		21MD02	Chemistry Laboratory II	54	100
				21CE02	Chemistry Laboratory II	33	100

b. Student's Projects guided:

Sl. No	Academic Year	UG/PG	No. of Students	Title of the Project	Awards if any

37. Awards/Recognitions : Appreciation certificate received for 100% result for the academic year 2018-2019 (EEE01A Odd Sem)

38. Self Assessment of Performance

S.No	Strengths	Weakness
1	Dedication in work, Ability to work in team Need to concentrate more in research	Need to concentrate more in research
2	Adapt changes in teaching with the current trend	