

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

PUTHANAMPATTI-621007

STAFF PROFILE

NAME OF THE STAFF : Dr. K. K. ILAVENIL
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENT : CHEMISTRY



1. CONTACT

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2. ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
Ph.D	Arignar Anna Govt. College, Musiri, Bharathidasan University	September 2019
M. Phil	Bharathidasan University	March 2005
M. Sc	Annamalai University	May 2003
B. Sc	Jawahar Science College, Neyveli, Madras University	April 2001
HSC	St. Joseph of Cluny Mat. Hr. Sec. School, Neyveli-25/ State Board	March 1998
SSLC	St. Joseph of Cluny Mat. Hr. Sec. School, Neyveli-25/ Matriculation	March 1996

3. TEACHING EXPERIENCE (ENGINEERING COLLEGE) 10 years 4 months

S. No.	Institution	Duration	No. of Years	
			UG	PG
1	Nehru Memorial College, Puthanampatti	3 years	3 year	3 year
2	K.Ramakrishnan College of Engineering, Samayapuram, Trichy	3 year 11 month 17 days	3 year	
3	Sureya Engineering College, TEC Campus, Trichy	5 month 6 days	5 month	
4	M.A.M.College of Engineering, Siruganur, Trichy	1 year 4 month 12 days	1 year	1 year
5	A.V.C.College of Engineering, Mannampandal	3 years 9 month 3 days	3 year	
6	Sri Jayaram Engineering College, Cuddalore	4 month 6 days	4 month	

4. RESEARCH EXPERIENCE (in years) : 4 years**5. AREA OF RESEARCH : Organic Synthesis and Kinetics studies****6.**. PUBLICATION(S) (In Numbers)**

Journal(s)		Proceeding(s)		Book(s) / Chapter(s) / Monograph(s) / Manual(s)
International	National	International	National	
5	1	-	1	-

9. PRESENTATION(S) (In Numbers)**

Events	International	National	State	Regional
Conference(s)	3	-	-	-
Seminar(s)	-	-	-	-

10. PARTICIPATION (In Numbers)**

Events	International	National	State	Regional
Conference(s)	1			
Seminar(s)		3		
Workshop(s)		1		
FDP		1		

11. DETAILS OF PUBLICATIONS

(a) JOURNAL(S)

S. No.	Name of the author/s	Title of the paper with e-link	National/ International	Name of journal	Volume Page No & Year	ISSN
1	V. Senthilkumar and K. K. Ilavenil	https://bit.ly/3YcGyla “Artificial Neural Network Prediction of Optimal Phenyllic Acid Adsorption using Lantana camara Activated Carbon” DOI : http://dx.doi.org/10.13005/ojc/390121	International	Oriental Journal of Chemistry	Vol . 39	2023
2	V. Senthilkumar and K. K. Ilavenil	https://bit.ly/3K0qFKH “Oxidation of Few Substituted Phenols and Reaction Mechanism by Heterocyclic Pyrazinium Chlorochromate and its Biological Activity” DOI : http://dx.doi.org/10.13005/ojc/390119	International	Oriental Journal of Chemistry	Vol . 39, pp. 161 - 166	2023
3	K. K. Ilavenil, P. Pandian and A. Kasthuri	“Adsorption study of removal of lead ions using Prosopis juliflora and prediction by artificial neural	International	Materials Today Proceedin gs	Vol . 72, p. 234 - 4	2023

		network modelling” https://doi.org/10.1016/j.matpr.2022.09.402			235 0,	
4	K. K. Ilavenil and A. Kasthuri	“Oxidation kinetics of Phenol, its derivatives and some parasubstituted phenol by Pyrazinium chlorochromate in acidic medium: A Non-Linear Hammett Plots” http://doi.org/10.31788/RJC.2022.1536920	International	Rasayan Journal of Chemistry	Vol .15, p.166 0 – 166 7	2022
5	K.K.ILAVENIL	http://www.parishodhpu.com/VOLUME-9-ISSUE-3-MARCH-2020-3/ http://www.parishodhpu.com/gallery/814-p-march-1342.pdf	National	Parishod	Volum e IX, Issue III, Page No:665 8-6664 2020,	ISS N No.2347- 6648.
6	Ilavenil. K.K., Kasthuri. A	https://www.annalsofscb.ro/index.php/journal/article/view/9014	International	Annals of the Romanian Society for Cell Biology	Vol. 25, Issue 6, 2021, Pages. 17257- 17269	ISSN: 1583-6258
7	Ilavenil. K.K.	https://www.annalsofscb.ro/index.php/journal/article/view/9023	International	Annals of the Romanian Society for Cell Biology	Vol. 25, Issue 6, 2021, Pages.17 352- 17363	ISSN: 1583-6258

12. DETAILS OF PRESENTATION(S)**(Conference(s) / Seminar(s))**

S. No.	Name of the Paper	Name of the Conference / Seminar	National/ International	Place	Duration/ Date
1	Evaluation Of The Antimicrobial Efficacy Of Copper Oxide Nanoparticles Synthesized By Green Methods Using Justicia adhatoda,	International Conference on Processing and Performace of Materials (ICPPM 2023)	International	Kalavakkam, Chennai SSN College of Engineering.	2.3.2023 to 3.3.2023,
2	GREEN SYNTHESIS OF MAGNESIUM OXIDE NANOPARTICLES (MgO) UTILISING Justicia adhatoda And An Evaluation Of Their Antimicrobial Properties	International Conference on Processing and Performace of Materials (ICPPM 2023)	International	Kalavakkam, Chennai SSN College of Engineering.	2.3.2023 to 3.3.2023,
3	Structure, Reactivity and Non-Linear Hammett Plot for Oxidation of Substituted Phenols by Pyrazinium Chlorochromate		International Virtual Conference on Frontiers in Chemical Research- ICFCR'21	Bishop Heber College	3.02.2021 and 04.02.2021

13. DETAILS OF PARTICIPATION**(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s))**

S. No.	Name of the event(s)	Sponsored by	Conducted by	Place	Duration/ Date
Workshop(s)					
1.	One day online workshop on	Department of Pysics,	Department of Pysics,	Vellore	30.04.2020

	‘Spectroscopic Techniques’	Immaculate College for Women	Immaculate College for Women		
2.	National Webinar on “Transition Elements and its Properties”	PG Department of Chemistry, Jairams Arts and Science College	PG Department of Chemistry, Jairams Arts and Science College	Karur	26.4.2021
3.	National Webinar on “Restore our Earth”	PG and Research Department of Physics, Jairams Arts and Science College	PG and Research Department of Physics, Jairams Arts and Science College	Karur	29.4.2021
4.	National Webinar on “From Atom to Universe Travel”	PG Department of Physics, Immaculate College for Women,	PG Department of Physics, Immaculate College for Women,	Viriyur	21.05.2021

14. DETAILS OF PROFESSIONAL DEVELOPMENT

(Orientation / Refresher Course / FDP / Short Term Course / Online Course)

S. No.	Name of the events	Sponsored by	Conducted by	Place	Duration/ Date
Faculty Development Programme					
1.	Faculty Development Programme ‘Effective Quality Research Paper Writing & Publishing in High impact Journals’	SRM Institute of Science & Technology	SRM Institute of Science & Technology	Chennai	24.04.2020