

## RESUME

Name : Dr. D. KANAGAVEL  
Department : Chemistry  
Designation : Assistant Professor  
Category : Aided  
Phone No : 9442377984  
Email Id : devakanagavel12@gmail.com  
Date of Birth : 20/05/1968  
Date of Joining : 16.6.2008  
Date of Retirement : 31.05.2026



### Qualification:

Sr .	Category	Name of the Degree	Specialization	Year of Passing	Name of the College/University	% of Marks / Grades Obtained	Class Obtained
1	Under graduate	B.Sc	Chemistry	April 1989	Kamaraj College, M.K University	64.5	First Class
2.	Post graduate	M.Sc	Inorganic Chemistry	May 1991	Annamalai University	59.9	Second Class
3.	Doctor of Philosophy	Ph.D	Chemistry	January 1997	Annamalai Univesity	Awarded	

### Academic Experience:

Name of the College	Whether Aided/SF	Designatio n	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Kamaraj College	Aided	Assistant Professor	16-06-08	Till date	12	04	-
Adiparasakthi College of Engineering,	SF	Senior Lecturer	03-08-05	08-12-06	01	04	-

Kalavai-632 506							
Kanchipallavan Engg.College, Kolivakkam- 632 502	SF	Senior Lecturer	04-08-03	31-07-05	02	07	-
Shri Andal Alagar College of Engineering, Mamandur-603 111	SF	Senior Lecturer	23-08-01	10-07-02	-	10	-
Arulmigu Meenakshiamman College of Engineering, Vadamavandal – 604 410	SF	Senior Lecturer	27-03-00	21-08-01	01	05	-
				Total	16	30	-

**Administrative / Other Position held:**

Name of the Organization	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Fredrick Institute of Plant Protection and Toxicology (FIPPAT) Padappai. Kancheepuram.	Scientist	Analysis of Pesticides content in edible and non-edible substrate.	07-03- 1997	24-03- 2000	03	-	17
				Total	03	-	17

**Number of Ph.D scholars completed:**

Sr.	Name of the Scholar	Register Number	Year of completion	Name of the University
1.	Authidevi.P	11509	August 2018	M.S.University, Tirunelveli
2.	Maria Albert Denison. M	9426	September 2019	M.S.University, Tirunelveli
3.	Divya. B	9565	Thesis submitted on December 2018	M.S.University, Tirunelveli

4.	Rani. T	12050	Thesis submitted on November 2019	M.S.University, Tirunelveli
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**Number of Ph.D scholars registered:**

Sr.	Name of the Scholar	Register Number	Year of Registration	Name of the University
1.	Krishna Kumari.B	20122102032006	January 2020	M.S. University, Tirunelveli.

**Minor / Major Projects completed:**

Sr.	Project Title	Duration	Funding Agency	Total Cost
1.	"Inservice Training Programme for Secondary grade Science Teachers in Thoothukudi District	November 21 – 25, 2011	Tamilnadu state council of Science and Technology	95,000

**Papers Published:**

Sr.	Name of the Author	Title of the Paper	Name of the Journal	Year	Vol. No. Issue No.	Page No	Impact of Factor
1.	D.Kanagavel, C.N. Krishnan	Synthesis and Characterization of doubly bidentate Bis – (Carboxyamides) complexes of Oxomolybdenum(IV).	Transition Metal Chemistry	1996	21 21(6)	570	1.56
2.	K.Karunakaran, D.Kanagavel	Interactive free energy relationship on the oxidation of aromatic Anils by Phenylidosoacetate.	Oxidation Communications	1997	20(4)	576	2.47
3.	D. Kanagavel, M.Maria Albert Denison	Spectral and Thermal Studies of Some Binuclear Dimeric Mo-O-Mo Bridged Oxomolybdenum(V) Complexes with	Chemical Science Transactions.	2014	3(2)	586-591	1.96

		Bis(Carboxamides) Derived from 4,4'-Diaminobiphenyl, 1,4-diaminobenzene with Anhydrides					
4.	P. Authidevi, D. Kanagavel and C.Vedhi	Studies on Effect of Aniline during Electrochemical co-polymerisation with 3,4-Ethylene dioxythiophene	Journal of Nanoscience and Technology	2016	2(5)	213-216	1.354
5.	B.Divya, D. Kanagavel and C.Vedhi	"Microwave synthesis electrochemical studies and capacitance of benzalazine"	International Journal of Research advent Technology	2018	6(9)	2414 - 2419	5.5
6.	M. Maria Albert Denison, D.Kanagavel and P. Subramaniam	Syntesis, Spectral Characterization and antimicrobial properties of binuclear bis-(Carboxyamides) with oxovanadium(IV) Coordination compounds"	International Journal of Scientific Research and Review.	2018	7(10)	695-703	6.1
7.	M. Maria Albert Denison, D.Kanagavel and P. Subramaniam	"Spectral, Thermal, Fluorescence and antimicrobial studies of binuclear Mn(II) complexes with bis-(Carboxyamides) derived from 4,4'-diaminobiphenyl, 1,4-diaminobenzene with anhydrides"	International Journal of Research advent Technology	2018	6(10)	2560 - 2567	5.5
8.	B. Divya , D. Kanagavel, C. Vedhi	Synthesis, characterization and electrochemical studies of Polyaniline/Benzalazine/cobalt(II) chloride composite	International Journal of Advanced Scientific Research and Management	2019	4(9)	10-16	4.2
9.	T. Rani, D.	Electrochemical	International	2019	4(9)	122	4.2

	Kanagavel and C. Vedhi	determination of heavy metals present in ground water on glassy carbon electrode	Journal of Advanced Scientific Research and Management				
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**Conference / Seminar / Workshop / Orientation / Refresher Course / Symposia / Training  
Programme Attended:**

Sr.	Theme	Place	International / National / State Level	Year	Resource Person / Paper Presentation / Participation
1.	Complexes of benzilmonohydrazone and benzildihydrazone	Madurai Kamaraj University, Madurai	National	1995	Presented
2.	Correlation Analysis	Annamalai University, Annamalai Nagar	National	1995	Participated
3.	Advanced waste water treatment	Annamalai University, Annamalai Nagar	National	1996	Participated
4.	Validation of Analytical Methods	Fredrick Institute of Plant Protection and Toxicology (FIPPAT) Padappai.	Training programme	1999	Participated
5.	Nuclear Chemistry	Thiagarajar College, Madurai	Workshop	2009	Participated
6.	Recent Advances in Chemical Science and Technologies	Women's Christian College, Nagercoil	National Seminar	2009	Participated
7.	Personality Development	VOC college, Thoothukudi	Workshop	2009	Participated
8.	Standardization of crude drugs	Manonmaniam Sundaranar	National Symposium	2009	Participated

		University,Tirunelveli			
9.	New frontiers in Chemistry	Annamalai university, Annamalai Nagar	National seminar	2010	Participated
10.	Impact of Chemistry on Environment and Nanomaterials	Sarah Tucker College, Tirunelveli	National seminar	2010	Participated
11.	Green Energy and Material Science	VOC CollegeThoothukudi	National seminar	2010	Participated
12	UGC sponsored 83 <sup>rd</sup> <b>Orientation Course</b>	Bharathiyar University.Coimbatore	Orientation programme	2010	Participated
13.	Equilibrium kinetics and Isotherm modeling for the sorption of a Textile dye using carbon embedded in PVA-Matrix	Kongu Engineering College(Autonomous), Perundurai	National seminar	2011	Presented
14.	Chemistry - Our Environment, Our life and Our Future	Alagappa University, Karaikudi	National Workshop	2011	Participated
15.	Recent Applications of Nanomaterials in Chemistry and Environmental Research	Kongu Engineering College(Autonomous), Perundurai	National seminar	2012	Presented
16.	UGC sponsored <b>Refresher Course</b> in Chemistry.	Bharathiyar University,Coimbatore	Refresher	2012	Participated
17.	Biological Inorganic Chemistry	Periyar University, Salem	International conference	2013	Presented
18.	Climate Change Impacts on Environment (NASCI – 2013)	Kamaraj College,Thoothukudi	National Seminar	2013	Presented
19.	Recent Trends in Chemistry	VOC College, Thoothukudi	National Seminar	2013	Participated
20.	Emerging Concepts and Trends in Bioinorganic Chemistry	National Engineering College, Kovilpatti	National Seminar	2014	Presented
21.	Curriculum development in U.G. Chemistry Course	Manonmaniam Sundaranar University, Tirunelveli	Orientation	2014	Participated

22	Synthesis and Characterization of Nanomaterials-2014	VOC College, Thoothukudi	National Workshop	2014	Participated
23.	Bio-Mimetics and Molecular modeling	National Institute of Technology, Trichy	National Seminar	2014	Presented
24.	Recent Applications of Nanomaterials in Chemistry and Environmental Research	Kongu Engineering College(Autonomous), Perundurai	National Seminar	2014	Presented
25.	Content enrichment programme for P.G. Teachers in Thoothukudi District.	Kamaraj College, Thoothukudi	Statelevel orientation	2014	Resource person
26.	Recent Advances in Chemical Science	Gandhigram Rural Institute (Deemed University) Gandhigram	National Seminar	2015	Presented
27.	10 <sup>th</sup> Mid – year CSRI Symposium in Chemistry	National Institute of Technology, Trichy	Naional Symposium	2015	Presented
28	NSS Volunteers as Water Educator Fellow-Conserving Fresh Water Resources	Kamaraj College,Thoothukudi	Training Programme	2015	Resource person
29.	Synthesis and Characterization of Poly(aniline-co-3,4-ethylenedioxythiophene)	VOC College,Thoothukudi	National seminar	2016	Presented
30.	Electrochemical Synthesis and Spectroelectro chemical characterization of poly(3-ocylthiophene-co-3,4-ethylenedioxythiophene)”	Alagappa University,Karaikudi	National Seminar	2016	Presented
31.	Advanced Materials and their applications	VOC College,Thoothukudi	National seminar	2016	Participated
32.	Recent Developments in Chemistry	Madurai Kamaraj University,Madurai	National Workshop	2016	Participated
33.	Electrochemical Synthesis, Characterization, Electro chromic properties and Sensors of Conducting copolymers of 3,4-	SaivaBhanu Kshatriya College, Aruppukottai	International Conference	2016	Presented

	ethylenedioxythiophene(EDOT) with 3-methylthiophene				
34.	Material Science and Technology	A.P.C Mahalaxmi College for Women, Thoothukudi	National seminar	2016	Participated
35.	Advanced materials and their application	University VOC college of Engineering , Anna University Thoothukudi Campus, Thoothukudi	National Seminar	2016	Presented
36.	Advances in Material Science- NSAMS-2017	Manonmaiam Sundaranar university Tirunelveli	National Seminar	2017	Presented
37.	TrichromicBehaviour of copolymer of substituted thiophenes	Alagappa University, Karaikudi	National Seminar	2017	Presented
38.	Recent Trends in Medicinal Chemistry” (NSRTMC-2017)	University VOC college of Engineering , Anna University Thoothukudi Campus, Thoothukudi	National Seminar	2017	Participated
39.	Entrepreneurship skill Development in Chemistry	Maduraj Kamaraj University, Madurai	National Seminar	2017	Participated
40.	Young Student Scientist Programme” (YSSP-2017)	Kamaraj College,Thoothukudi	State Level Training	2017	Resource Person
41.	Research Orientation Programme	Manonmaniam Sundaranar University,Tirunelveli	Orientation	2017	Participated
42.	Recent trends in synthetic methods and material chemistry (RTSMC-2018)	Annamalai University,Annamalai Nagar	International Congerence	2018	Presented
43.	UGC-Sponsored Summer School ( <b>Refresher Course</b> ) in Material Science (Interdisciplinary)	Bharadhidasan University, Trichy	Refresher course	2018	Participated
44.	Recent trends in Multi-Disciplinary Research (ICRTMDR	VOC College, Thoothukudi	International Conference	2018	Presented



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45.	Microscale Experiments in Chemistry	Kamaraj College, Thoothukudi	State level workshop	2018	Participated
46.	CNT's Modified Electrode(ICMAA-2018)	VOC College,Thoothukudi	National seminar	2018	Presented
47.	International conference on Advanced materials	Aditanar College of Arts and Science, Tiruchendur	International conference	2019	Presented
48.	Frontier areas in chemical technologies	Alagappa University,Karaikudi	National conference	2019	Presented
49.	Advanced materials for energy and environmental applications	Thiru Kolanjiappar government Arts College,Viruddhachalam	International conference	2019	Participated
50.	Determination of Heavy metal ions in water samples of Neyveli region using grapheme modified glassy carbon electrode	Thiru Kolanjiappar government Arts College,Viruddhachalam	National conference	2019	Presented
51.	Differential pulse stripping analysis of soil sample in neyveli region using modified glassy carbon electrode	VOC College, Thoothukudi.	National conference	2019	Presented

It is certified that all the information provided are true to the best of my knowledge.