

1	Name	Dr.A.VIJAYARAJ
2	Designation	Assistant professor
3	Department	CHEMISTRY
4	Employee Id	EC37003
5	Date of Birth	05.05.1981
6	Gender	MALE
7	Date of Appointment in this institution	19.08.2013
8	Experience in this institution	_____9___ Years ____4_____ Months
9	Official Email Id	vijayaraj@dgvaishnavcollege.edu.in
10	Blood Group	B+

11 EDUCATION DETAILS (from highest qualification):					
S.No	Degree	Institution	University	Year of Study	Grade/Class
1	Ph.D	University of madras	University of Madras	2013	Highly commended
2	M.Sc (Physical chemistry)	University of Madras	University of madras	2005	B+
3	M.Sc (Yoga)	Tamilnadu physical education and sports university	Tamilnadu physical education and sports university	2015	A+

12 Details of ORIENTATION/REFRESHER COURSES attended:				
S.No	Orientation/Refresher	University/Institution	Duration	Date

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13 Details of SEMINARS, CONFERENCES, WORKSHOPS, FDPs etc. attended:					
S.No	Type (Regional/National/ International)	Theme (Workshop/Conference/Seminar/FDP)	Organized by	Duration	Date

14 Details of Papers published in CONFERENCES/attended Conferences:					
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S.No	Type (Regional/National/ International)	Name of the Conference	Name of the paper presented/Attended	Organized by	Date
1	International	International Conference on Frontiers in Chemical Research (ICFCR-2008)	Characterization, Magnetic and Electrochemical properties of Heterodinuclear Cryptates	Mangalor university	29.12.2008
2	International	International conference of current trend on Chemistry and Biochemistry(ICCTCB-2009)	Synthesis, Characterization, Magnetic and Electrochemical properties of Heterodinuclear Cryptates	Bangalor university	18.12.2009
3	National	National Conference on Recent Advances in Materials and Methods of Chemistry (2010)	Synthesis, Characterization, Magnetic and Electrochemical properties of heterodinuclear Cu (II) Gd (III) unsymmetrical Schiff base complexes		

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Arumbakkam, Chennai-600 106.**

15 Details of visit as a RESOURCE PERSON:

S.No	Type (Guest Lectures, Workshops, Conferences Or Seminars/ Ph.D, Viva-voce Examination)	Title	Institution Name	Date

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16 Details of publication of Articles/ Chapters written in EDITED BOOKS:

S.No	Book Name	Title of Articles/Chapters	Name & Address of the Publisher	Month & Year of Publication

17 Details of individual/collaborative MAJOR/MINOR research project undertaken:

S.No	Title of the Project	Name & Address of the Collaborating Faculty	Funding Agency	Fund Sanctioned	Period	Duration

18 Details on RESEARCH GUIDANCE:

S.No	Type (FT/PT)	Name of the candidate	Title of the Dissertation	University	Status	Awarded Date

19 Details of papers published in JOURNALS:

S.No	Journal Type (National/International)	Name of the Journal	Title of the article	Name of the Co-authors	VolNo, IssueNo, Page Nos. ISSN No/DOI	Month and year of Publication	Impact Factor/SCI/Scopus (if any)
1	International	Journal of Coordination Chemistry	New Acyclic Schiff-base Copper (II) Complexes and their Electrochemical, Catalytic and Antimicrobial Studies	A. Vijayaraj, R. Prabu, R. Suresh, C. Sivaraj, N. Raaman, V. Narayanan	DOI: 10.1080/00958972.2011.553221.	Feb 2011	3
2	International	Syntheses and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry	New Acyclic Schiff-Base Nickel(II) Complexes and their Electrochemical, Kinetic, and Antimicrobial Studies	A. Vijayaraj, R. Prabu, R. Suresh, G. Jayanthi, J. Muthumary, V. Narayanan	DOI: 10.1080/15533174.2011.591328.	2011 march	1.5

3		Journal of Iranian Chemical Society	Synthesis, Crystal Structure, Magnetic, DSS Cell, Lifetime measurement, Electrochemical, Catecholase activity and Antimicrobial studies of Mono and Hetero Binuclear Cryptates	A. Vijayaraj, R. Prabu, R. Suresh, S. Sundaramoorthy, D. Velmurugan, V. Narayanan	DOI: 10.1007/s13738-012-0127-y.	2013	3.5
4		Bulletin of Korean	Spectral, Electro	A. Vijayaraj, R. Prabu, R.	DOI: org/10.5012/bkcs.2012.33.11.3581	2012	1.5

5.		Chemical Society	chemical, Fluorescence, Kinetic and Anti-microbial Studies of Acyclic Schiff-base Gadolinium(I II) Complexes	Suresh, R. Sangeetha Kumari, V. Kaviyarasan, V. Narayanan			
5.		Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry	Synthesis of New Acyclic Schiff-base Oxovanadium (IV) Complexes and their Electrochemical	A. Vijayaraj, R. Prabu, R. Suresh, N. Mathivanan, V. Narayanan	DOI: 10.1080/15533174.2015.1031040	2015	1

6.		Turkish Journal of Chemistry	Spectral, electrochemical, luminescence and dye sensitized solar cell studies of mono and d-f heterobinuclear cryptat	al, Catecholase and Antimicrobial Studies of Minimum Inhibitory Concentration Arunachalam Vijayaraj, Raju Prabu, Ranganathan Suresh Subbairah Manoharan, Sambandan Anand & Vengidusamy	DOI: 10.3906/kim-1206-31	2015	1
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7.		Chemical Science Transactions 2(S1)	Spectral, Magnetic, Electrochemical, Photochemical, DNA Binding and Cleavage, Catalytic and Biological Studies of 2, 2'-Bipyridyl Based d-f Hetero Binuclear Gd(III) and Cu(II)	Narayanan A. Vijayaraj, R. Prabul. Vijayalakshmi and V. Narayanan	DOI: 10.7598/cst2013.006	2013	1
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8.		Spectrochimica Acta Part A	Complexes Electrochemical, catalytic and antimicrobial activity of N-functionalized tetraazamacrocyclic binuclear nickel(II) complexes	R. Prabu, A. Vijayaraj, R. Suresh, R. Shenbagaraman, V. Kaviyarasan, V. Narayanan	DOI: 10.1016/j.saa.2010.11.029	2011	2.5
9.		Bulletin of the Korean Chemical Society	New unsymmetric dinuclear copper(II) complexes of trans-	R. Prabu, A. Vijayaraj, R. Suresh, L. Jagadish, V. Kaviyarasan, V. Narayanan	DOI: 10.5012/bkcs.2011.32.5.1669	2011	2

10.		Chemical Science Transactions 2(S1)	disubstituted cyclam derivatives: Spectra, electrochemical, magnetic, catalytic, antimicrobial, DNA binding and cleavage studies Electrochemical, Kinetic, Antimicrobial (MIC) Studies of Acyclic Schiff-Base Nickel(II) Complexes	S. Praveen Kumar, A. Vijayaraj, L. Vijayalakshmi and V. Narayanan	DOI: 10.7598/cst2013.008	2013	1
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11.		Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry	Fabrication of α -Fe ₂ O ₃ Nanoparticles for the Electrochemical Detection of Uric Acid	R. Suresh, R. Prabu, A. Vijayaraj, K. Giribabu, A. Stephen, V. Narayanan	DOI: 10.1080/15533174.2011.610022	2012	1.5
12.		Materials Chemistry and Physics	Facile synthesis of cobalt doped hematite nanospheres: Magnetic and their electrochemical sensing properties	R. Suresh, R. Prabu, A. Vijayaraj, K. Giribabu, A. Stephen, V. Narayanan.	DOI: 10.1016/j.matchemphys.2012.03.034	2012	4
13		Bulletin of Korean Chemical Society	Poly(anthranilic acid) Micros	R. Suresh, R. Prabu, A. Vijayaraj, K. Giribabu,	DOI: 10.5012/bkcs.2012.33.6.1919	2012	2

			<p>pheres: Synthe sis, Charac terizati on and their Electro</p>	<p>R. Manigandan , A. Stephen, V.Nar ayanan.</p>			
14.	Journal of Materials Science	Fabrica tion of iron oxide nanoparticle s: magnetic and electrochemi cal sensing property	R. Suresh, A. Vijay araj, K. Giriba bu, R. Manig andan, R. Prabu, A. Stephe n, E.	Thirumal, V.Narayana n.	<p>DOI: 10.1007/s10854- 012-0916-1.</p>	2012	3
15.	Journal of Coordina tion	Synthesis, charact erizatio	R. Prabu, A. Vijayaraj,		<p>DOI: 10.1080/00958972.2 012.751488</p>	2013	2.5

		Chemistry	n, catalytic and biological studies of novel macrobicyclic binuclear nickel(II) complexes of 1,8-difunctionalized cyclam derivatives	R. Suresh, R. Shenbhagaraman, V. Kaviyarasan, V. Narayanan			
16.	Bulletin of Korean Chemical Society	Cadmium Sulphide Nanorods: Synthesis, Characterization	K. Giribabu, R. Suresh, R. Manigandan, A. Vijayaraj, R. Prabu, and V. Narayanan	DOI: org/10.5012/bkcs.2012.33.9.2910	2012	2	

17.		Journal of Iranian Chemical Society	on and their Photocatalytic Activity Synthesis, characterization, catalytic, antimicrobial, DNA binding and cleavage studies of N-functionalized tetraazamacrocyclic binuclear copper(II) complexes	R. Prabu, A. Vijayaraj, R. Suresh, R. Shenbhagar aman, V. Kaviyaran, V. Narayanan	DOI 10.1007/s13738-013-0354-x	2013	3
18.		International Journal of ChemTech Research	Electrochemical, Kinetic, Antimicrobial (MIC) Studies of Acyclic Mononuclear Schiff-	A. Vijayaraj1, R. Prabu, N. sivakumar, R.Sangeetha Kumari, V. Kaviyaran, V.Narayan	Vol.10 No.5, pp 972-980, (2017)	2017	1

			base an Copper(II) Complexes			
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20 Details of AWARDS received:

S.No	Title of the Award	Awarding Agency / University / Government	Month/Year

21	Details of MEMBERSHIP IN EDITORIAL BOARD/ACADEMIC AGENCIES/BODIES:			
S.No	Name of the Journal/Magazine/Agency	Position in the Board	ISBN/ISSN No.(if any)	Year

22	POSITIONS HELD in this institution:		
S.No.	Institution/Department Level	Position	Duration