

D.D.G.D. VAISHNAV COLLEGE (AUTONOMOUS)

1	Name	Dr. K. Premalatha, M.Sc.,M.Phil.,Ph.D
2	Designation	Associate Professor & Head
3	Department	PG and Research Department of Chemistry
4	Employee Id	103136
5	Date of Birth	11-10-1965
6	Gender	Female
7	Date of Appointment in this institution	28-07-2000
8	Experience in this institution	22 years 5 months
9	Official Mail Id	hod-chemistry-day@dgvaishnavcollege.edu.in
10	Blood Group	O+

11 EDUCATION DETAILS (from highest qualification):					
S.No.	Degree	Institution	University	Year of study	Grade/Class
1	Ph.D	Madras Christian college	University of Madras	2013	N/A
2	M.Phil	PSGR Krishnammal college, Coimbatore	Bharathiyar University	1989	First class
3	M.Sc.	PSGR Krishnammal college, Coimbatore	Bharathiyar University	1988	First class
4	B.Sc.	Gobi arts college, Gobichettipalayam	Bharathiyar University	1986	First class (distinction)

12 Details of ORIENTATION/REFRESHER COURSES attended:				
S.No.	Orientation/Refresher	University/Institution	Duration	Date (from-to)
1	Orientation	University of Madras	28 days	06.07.1999 to 02.08.1999
2	Refresher 1	University of Madras	21 days	02.06.2005 to 22.06.2005
3	Refresher 2	University of Madras	21 days	4.7.2006 to 24.07.2006
4	Refresher 3	University of Madras	21 days	16.08.2007 to 05.09.2007

5	Refresher 4	University of Madras	21 days	14.10.2008 to 03.1.2008
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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
1	National	FDP	FDP on ICT Tools, SRM Arts and Science College	1 day	01-05-2020
2	National	Webinar	A virtual visit to the home of electrons	1 day	01-05-2020
3	International	Webinar	Functional Novel Materials for electrochemical Sensors and Energy Storage Devices, Thiagarajar College, Madurai & Ming Chi University of Technology, New Taipei City, Taiwan	1 day	01-05-2020
4	National	Webinar	Opportunities in Chemistry”, Department of Chemistry, Manonmaniam Sundaranar University College, Govindaperi, Tirunelveli	1 day	01-05-2020
5	National	Webinar	Autonomy and Academic Independence” SSUN Tamil Nadu	1 day	01-05-2020
6	National	Webinar	Flipped classrooms the way forward	1 day	01-05-2020
7	National	Webinar	Nuances of Scholarly Writing and Manuscript Preparation”, the Stella Centre for Effective Education and Development (SCEED)	1 day	01-05-2020
8	National	IQAC webinar	Assessment & Accreditation as a Measure of Internal Quality in HEI’s	1 day	01-05-2020
9	National	Webinar	Research Methodology	1 day	01-06-2020

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	Workshop	Catalyst by iconic surfactants in the oxidation of benzyl alcohol	IIT Madras	2019
2	National	Conference	Micelle influenced oxidation of benzyl alcohol in DMSO/Water	NIT Mangalore	2010
3	National	Conference	Heterogeneous catalyst in the oxidation of benzyl alcohol by metal chromites	Bharathiyar University, Coimbatore	2010
4	National	Conference	New vistas in physical chemistry	University of madras	2007
5	National	Symposium	20 th symposium on catalyst	IIT madras	2010
6	National	Conference	Green chemistry	-	2012
7	State	Workshop	Eco-friendly chemistry - A microscale approach	-	2012
8	International	Seminar	Recent trends in electrochemical research	-	2012
9	National	Conference	Chemistry solutions	-	2013
10	State	Workshop	Chromatographic techniques	-	2013
11	National	workshop	Conversation of Museum objects	-	01-09-2014
12	National	workshop	Non-renewable energy resource chemxploration	-	01-08-2014
13	National	conference	Frontier avenues in chemistry & environment FACE 2015	-	01-02-2015
14	National	symposium	Climate change-adapation and action	Anna adrash college	01-09-2016
15	International	conference	“Synthesis, Characterization & Photo catalytic activity of Cobalt chromite-D-Titania nano composite for the reduction of toxicity of malachite green in aquaculture –	-	01-02-2018

			a green approach" in ICRAMC-2018		
16	National	seminar	GITCE 2020	-	01-02-2020

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
1	Seminar	-	International day for the elimination of violence against woman	Sri Ramakrishna Polytechnic college, Coimbatore	25.22.2021
2	Workshop	-	Vaishnav samastha unnayanam 2021	Dwaraka Doss Goverdhan Doss Vaishnav college	28.08.2021 to 04.09.2021
3	Workshop	-	Academic cynosure event	PSGR Krishnamma l college, Coimbatore	08.12.2021 to 09.12.2021

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
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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
1	Synthesis of novel metal chromite/tio2 nano composites	-	UGC	1.8 Lakhs	2016-18	2 years

	for the reduction of toxicity of malachite green in aqua culture - a green chemistry approach					
18	Details on RESEARCH GUIDANCE: M.Phil					
S.No	Type (FT/PT)	Name of the candidate	Title of the Dissertation	University	Status	
1	FT	P.Vennila	Kinetics of oxidation of glucose by cooper(II) ion in acid and surfactant	University of Madras	Completed	
2	FT	R.Kavitha	Study on the effect of solvent and added salt on the electrode potential of copper – copper ion system	University of Madras	Completed	
3	FT	K.Meenakshi		University of Madras	Completed	
4	FT	P. Mangaiarkkarasi	Synthesis of some ethylene oxide condensate's and its spectral characterisations	University of Madras	Completed	
5	FT	S.Priya	Evaluation of physical characteristics of some neutral surfactants	University of Madras	Completed	
6	FT	Malathi	-	University of Madras	Completed	
7	FT	Marimuthu	Synthesis of ordered mesoporous carbon and its electrochemical studies by cyclic voltammetry	University of Madras	Completed	
8	FT	Shravan Kumar	Synthesis, Characterization and photocatalytic application of cobalt chromite titania nano composite for degradation of malachite green using visible light	University of Madras	Completed	
9	FT	Swetha	-	University of Madras	Completed	

10	FT	Sangeetha	-	University of Madras	Completed
11	FT	Nirmala Devi	A study on synthesis, Characterization and photocatalytic application of nickel chromite- Titania nanocomposite for degradation of malachite green dye using visible light an eco-friendly approach	University of Madras	Completed
12	FT	Jeevarathinam	Synthesis, Characterization and photocatalytic activity of copper chromite- Titania nano composite for the degradation of malachite green using visible light	University of Madras	Completed

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	Vol No, Issue No, Page Nos, ISSN No/DOI	Month and year of Publication	Impact Factor/SCI/Scopus (if any)
1	International	Applied Catalysis A: General	Liquid phase oxidation of benzyl alcohol with molecular oxygen catalyzed by metal chromites	K Premalatha, PS Raghavan, B Viswanathan	419, 203-209	2012	5.406
2	International	International Journal of Innovative Research in Science, Engineering and Technology	A Comparative Study on the Electrochemical Behaviour of Ascorbic Acid, Paracetamol and L-Cysteine at the Carbon-Spinel Hetero Junction	S Shravan Kumar, K Premalatha	5, 61-70	2016	1.672
3	National	Bulletin of Catalysis Society of India	Electrocatalytic behaviour of modified platinum electrode coated with cobalt chromite - A cyclic voltammetric study	K Premalatha, S Shravan Kumar, V Janani, J Nirmala Devi, K Karthick	15, 37-43	2016	

4	International	Acta Crystallographica Section E: Structure Reports Online	(4S)-5'-Chloro-3,7,7-trimethyl-5,6,7,8-tetrahydro-4H-spiro [1,2-oxazolo [5,4-b]quinoline-4,3'-indole]-2',5-dione	E Govinda n, Panneer Selvam Yuvaraj, Boreddy Siva Rami Reddy, K Premalatha, A Subbiah Pandi	70, o173-o173	2014	0.581
5	National	Bulletin of Catalysis society of India	Sulpholan e-A better co-solvent for the oxidation of benzyl alcohol	K Premalatha, PS Raghavan, B Viswanathan	11, 22-28	2012	

20	Details of AWARDS received:		
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year
1	FIP for Ph.D	UGC – 11 th plan	2009 - 2011

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
1	Gurunak College	P.G board member	-	2019 - 2022
2	IGCAR	SACSE-IGCAR	-	
3	University of Madras	P.G board member	-	2010 - 2022
4	Gurunak College	U.G board member	-	1995 – 2010

5	Gurunanak College	Steering committee for DBT star college scheme	-	2019 – till date
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22 POSITIONS HELD in this institution:			
S.No.	Institution/Department Level	Position	Duration
1	Department Level in DBT star college scheme	Co-ordinator	2013-2018
2	Department Level	Head of the Department	2016 – till date
3	Institution level for ugc cell	Coordinator	2019 – 2022
4	Department level for the all seminars, conferences, workshops	convenor	2016 – till date