

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

1	<b>Name</b>	Dr. C. KAVITHA
2	<b>Designation</b>	ASSISTANT PROFESSOR
3	<b>Department</b>	PG & RESEARCH DEPARTMENT OF CHEMISTRY
4	<b>Employee Id</b>	8001010386
5	<b>Date of Birth</b>	06-10-1980
6	<b>Gender</b>	FEMALE
7	<b>Date of Appointment in this institution</b>	02-02-2021
8	<b>Experience in this institution</b>	1.11
9	<b>Official Mail Id</b>	<a href="mailto:c.kavitha@dgvaishnavcollege.edu.in">c.kavitha@dgvaishnavcollege.edu.in</a>
10	<b>Blood Group</b>	AB+

<b>11 EDUCATION DETAILS (from highest qualification):</b>					
S.No.	Degree	Institution	University	Year of study	Grade/Class
1	Ph.D	University of Madras	University of Madras	2015	I
2	M.Phil	Madras Christian College	University of Madras	2007	I
3	M.Sc.	Annamalai University	Annamalai University	2005	I
4	B.Sc.	Quaid-E-Milleth Govt. College	University of Madras	2000	I

<b>12 Details of ORIENTATION/REFRESHER COURSES attended:</b>				
S.No.	Orientation/Refresher	University/Institution	Duration	Date (from-to)
1	Orientation Course	University of Madras	1 Month	22/6/2022 to 21/07/2022

<b>13 Details of SEMINARS, CONFERENCES, WORKSHOPS, FDPs etc. attended:</b>					
S.No	Type (Regional/ National/ International)	Theme (Workshop/ Conference/ Seminar/FDP)	Organized by	Duration	Date
1	International	Workshop	Seshadripuram College	6 Days	2/8/21 to 7/8/21
2	National	Workshop	SRM Institute of Science & Tech	6 Days	20/9/21 to 25/9/21
3	National	Workshop	Prathyusha Engg. College	1 Day	10/2/22
4	International	Conference	Jnan Vikas Mandal's Degree College	2 Days	9/8/21 to 10/8/21
5	International	Conference	SSN College of	2 Days	24/9/21 &

			Engineering		25/9/21
6	International	Conference	SRM Easwari Engg College	2 Days	6/10/21 & 7/10/21
7	National	Conference	Chettinad Academy	1 Day	16/10/21
8	International	Conference	Saveetha School of Engg	2 Days	29/10/21 & 30/10/21
9	International	Conference	St. Peter`s Institute of Higher Educationa & Research	2 Days	18/11/21 & 19/11/21
10	International	Conference	Kalasalingam Academy of Research and Education	2 Days	29/11/21 & 30/11/21
11	International	Conference	Periyar University	2 Days	21/4/2022 & 22/4/22
12	National	Conference	SRM Easwari Engg College	2 Days	1/9/22 & 2/9/22
13	International	Webinar	Tranquebar Bishop Manickam Lutheran College	1 Day	26/6/21
14	National	Webinar	Prathyusha Engg College	1 Day	13/8/21
15	National	Webinar	Prathyusha Engg College	1 Day	27/8/21
16	International	Webinar	Kamla Nehru Mahavidyalaya	1 Day	16/2/22
17	National	FDP	Sree Saraswathi Thyagaraja College	6 Days	16/6/21 to 22/6/21
18	National	FDP	Sri GVG Visalakshi College for Women	3 Days	28/6/21 to 30/6/21
19	International	FDP	SRM Easwari Engg. College	5 Days	23/8/21 to 27/8/21
20	National	FDP	Panimalar Engg. College	2 Days	1/11/21 to 2/11/21
21	National	FDP	Kamala Nehru Mahavidyalaya	6 Days	23/5/2022 to 28/5/22

<b>14 Details of Papers published in CONFERENCES/attended Conferences:</b>					
<b>S.No</b>	<b>Type (Regional/ National/ International)</b>	<b>Name of the Conference</b>	<b>Name of the paper presented/Attended</b>	<b>Organized by</b>	<b>Date</b>
1	International	International Conference on Chemistry for Next-Gen Applications	Influence of Shot Peening Method on Zinc Phosphating of Steel	SSN College of Engg	24/9/21 & 25/9/21
2	International	Instigating Research in materials, energy & environment	Impact of surface nanocrystalisation	SRM Easwari Engg College	6/10/21 & 7/10/21
3	International	Emerging	Stimulation of	Periyar	21/4/2022

		Biomaterials for Advanced Applications	surface mechanical attrition treatment on zincphosphating of EN19 steel	University	& 22/4/22
4	National	Chemical Sciences for Futuristic advancement	Degradation of Dyes by advanced oxidation process	SRM Easwari Engg College	1/9/22 & 2/9/22

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	Webinar	Comprehend the Significance of Patent Protection	Dr.N.G.P. Arts & Science College	8/6/21	
2	Webinar	Importance of Patent Protection	Kaamadhenu Arts & Science College	1/11/21	

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
1	A Textbook of Engineering Chemistry – II	A Textbook of Engineering Chemistry – II	Acme learning publications ltd., New Delhi	Nov, 2011
2	A Textbook of Engineering Chemistry – I	A Textbook of Engineering Chemistry – I	Selvi publications ltd	May 2012
3	Advanced Engineering Chemistry	Advanced Engineering Chemistry	Acme learning publications ltd., New Delhi	Dec 2019
4	Chemistry for Budding Engineers	Chemistry for Budding Engineers	Acme learning publications ltd., New Delhi	May 2020

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	Nil	-	-	-	-	-

18 Details on RESEARCH GUIDANCE:					
S.No	Type (FT/PT)	Name of the candidate	Title of the Dissertation	University	Status
1	Nil	-	-	-	-

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	International Journal of Hydrogen Energy	Influence of platinum on mordenite properties and catalytic activity towards cyclohexene epoxidation	P. Tamizhdurai, et.al	Volume 48, Issue 5, Pages 1773-1784 / 10.1016/j.ijhydene.2022.10.072	January 2023	7.139 / SCI & Scopus & Web of Science
2	International	South African Journal of Chemical Engineering	Elimination of Lead by Biosorption on Parthenium stem powder using Box-Behnken Design	C.Kavith Vijayarathi, Tamizhdurai R. Mythily, V.L. Manges h	42, pp. 270–279 / 10.1016/j.sajce.2022.08.006	October 2022	6.8 / SCI & Scopus
3	International	Advanced Powder Technology	Catalytic activity of ratio-dependent SBA-15 supported cerium/Pt catalysts for highly selective oxidation reaction of benzyl alcohol to benzaldehyde	P. Tamizhdurai, et.al	Volume 32, Issue 11, Pages 4286-4294 / 10.1016/j.appt.2021.09.033	November 2021	4.969 / SCI & Scopus & Web of Science
4	International	Current Biochemical Engineering	Application of Natural Dye Obtained from Sweet Indrajao on Fabrics	Kavitha. C	Volume 6, Issue 3, 2020 / 10.2174/2212711906999201020202052	Dec, 2020	3.475 / SCI & Scopus & Web of Science

5	International	Research Journal of Chemistry and Environment	Recurrence of zinc oxide photocatalyst in the decolorisation of malachite green by photo oxidation method	Kavitha. C	24(2) 56–62/	Feb, 2020	0.24 / SCI & Scopus & Web of Science
6	International	International Journal of Engineering Development and Research	An Overview of Metal Oxide Nanoparticles by Bio-Synthesis	Kavitha, c & Vanitha. S	Volume 4   Issue 4 / 765-768/ 10.5281/zenodo.233835	Dec, 2016	7.37 / UGC care
7	International	Journal of Bio and Tribo Corrosion	Characterisation and Corrosion Resistance of TiCrN Composite Coating on Steel by Physical Vapour Deposition Method	Kavitha. C & P. Vijayasarithi	2, 25/1-6 10.1007/s40735-016-0055-y	Aug, 2016	3.115 / SCI & Scopus & Web of Science
8	International	Research journal of engineering and technology.	Evaluation of design and thermal analysis of the different material on disc brake with frictional heat generation	Kavitha. C	7.1/ 10.5958/2321581X.2016.00009	Mar, 2016	0.676/ UGC Care
9	International	CSIR Journal of metallurgy and material science, India	An investigation of design and thermal analysis of the different material on disc brake with frictional heat generation	Kavitha. C, P. Vijayasarithi	57 (4) 237–242 /nmlindia.org/7419	Feb, 2016	CSIR/N ML / UGC care
10	International	Research journal of engineering and technology	An overview of corrosion performance of automotive metals in biodiesel	Kavitha. C, P. Vijayasarithi	6 (4) 457–464 / 10.5958/2321-581X.2015.00071.9	Dec, 2015	0.676/ UGC Care
11	International	International journal of advanced	Influence of surface nanocrystallizati	Kavitha C, Sankara Narayanan	Vol. II, Special Issue XXII, 1-16 /	Feb, 2015	UGC care

		research trends in engineering and technology	on by surface mechanical attrition treatment on zinc phosphating of H11 tool steel	TSN and Ravichandran K,	ISSN 2394-3777 / t www.ijartet.com		
12	International	American chemical society (ACS), Industrial & Engineering Chemistry Research	Improving the reactivity and receptivity of alloy and tool steels for phosphate conversion coatings: Role of surface mechanical attrition treatment” Industrial and engineering chemistry research	C.Kavitha, T.S.N.Sankara Narayanan, K.Ravichandran Min HoLee	53 (52) 20124–20138 / 10.1021/ie502799f	Dec 2014	4.326 / SCI & Scopus & Web of Science
13	International	Surface and Coatings Technology	Deposition of zinc–zinc phosphate composite coatings on aluminium by cathodic electrochemical treatment	C.Kavitha, T.S.N.Sankara Narayanan, K.Ravichandran Min HoLee	Volume 258, Pages 539-548, 10.1016/j.surfcoat.2014.08.040	Nov, 2014	4.865 / SCI & Scopus & Web of Science
14	International	Transactions of the institute of metal finishing- Maney Publishing	Effect of surface mechanical attrition treatment (SMAT) on zinc phosphating of steel	Kavitha C, Sankara Narayanan TSN and Ravichandran K,	92 (3) 161-168 / 10.1179/0020296713Z.00000000121	Dec, 2013	1.366/ SCI & Scopus & Web of Science
15	International	Journal of coating technology and research	Deposition of zinc–zinc phosphate composite coatings on steel by cathodic electrochemical treatment	C. Kavitha, T. S. N. Sankara Narayanan, K. Ravichandran, Il Song Park & Min Ho Lee	11 (3), pages431–442 / /10.1007/s11998-013-9533-z	Oct, 2013	2.455 / SCI & Scopus

<b>20 Details of AWARDS received:</b>			
<b>S.No</b>	<b>Title of the Award</b>	<b>Awarding Agency / University / Government</b>	<b>Month/Year</b>
1	Excellence in Reviewing	International Journal of Plant & Soil Science	Aug 2021 & 13 Aug 2022 & 23 Nov 2022
2	Excellence in Reviewing	Asian Journal of Applied Chemistry Research	1 Oct 2021 & 16 May 2022
3	Excellence in Reviewing	Journal of Energy Research and Reviews	8 Sep 2021
4	Excellence in Reviewing	Asian Journal of Advanced Research and Reports	26 March 2022 & 20 June 2022
5	Excellence in Reviewing	South Asian Journal of Research in Microbiology	30 Apr 2022
6	Excellence in Reviewing	Chemical Science International Journal	18 Oct 2022

<b>21 Details of MEMBERSHIP IN EDITORIAL BOARD/ACADEMIC AGENCIES/BODIES:</b>				
<b>S.No</b>	<b>Name of the Journal/Magazine/Agency</b>	<b>Position in the Board</b>	<b>ISBN/ISSN No.(if any)</b>	<b>Year</b>
1	International Conference on research trends in engg. & Mgmt	National Advisory committee member		20 & 21 Aug 2021
2	International Conference on Advances in Engg, Science & mgt	Organising Committee member		28 & 29 Nov 2021
3	Association of Pharmaceutical Research	Professional Member	PM71398640	9 <sup>th</sup> Aug to 31 <sup>st</sup> Dec 2021
4	Institute for Engg. Research & publication	Life time member	PMIN17283640	

<b>22 POSITIONS HELD in this institution:</b>			
<b>S.No.</b>	<b>Institution/Department Level</b>	<b>Position</b>	<b>Duration</b>
1	Institution	Anti-Ragging Committee member	2021-2022
2	Institution	Women Student`s Forum & Sexual Harassment Cell member	2021-2022
3	Institution	Anti-Ragging Committee	2022-2023
4	Department	Joint Secretary in DG Vaishnav Chemical Society	2022-2023
5	Department	Internal Exam Committee member	2021-2022 2022-2023