

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

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<b>2</b>	<b>Designation</b>	Assistant Professor
<b>3</b>	<b>Department</b>	PG and Research Department of Chemistry
<b>4</b>	<b>Employee Id</b>	8001010387
<b>5</b>	<b>Date of Birth</b>	22/07/1985
<b>6</b>	<b>Gender</b>	Female
<b>7</b>	<b>Date of Appointment in this institution</b>	01/02/2021
<b>8</b>	<b>Experience in this institution</b>	2 years
<b>9</b>	<b>Official Mail Id</b>	vidhyalakshmi.n@dgvaishnavcollege.edu.in
<b>10</b>	<b>Blood Group</b>	B <sup>+</sup>

<b>11</b>	<b>EDUCATION DETAILS (from highest qualification):</b>				
<b>S.No.</b>	<b>Degree</b>	<b>Institution</b>	<b>University</b>	<b>Year of study</b>	<b>Grade/Class</b>
1.	Post doctorate	IIT Madras	IIT Madras	2013-2019	N/A
2.	Ph.D.	Central Leather Research Institute	University of Madras	2008-2012	N/A
3.	M.Sc. with <b>CSIR NET-JRF and GATE</b>	Bharathidasan university	Bharathidasan university	2005-2007	73.11 (First class with A <sup>++</sup> grade)
4.	B.Sc.	Seethalakshmi ramaswamy college	Bharathidasan university	2002-2005	84.25 (first class with <b>distinction</b> )

<b>12</b>	<b>Details of ORIENTATION/REFRESHER COURSES attended:</b>			
<b>S.No.</b>	<b>Orientation/Refresher</b>	<b>University/Institution</b>	<b>Duration</b>	<b>Date (from-to)</b>
1	Orientation	University of Madras	1 month	09/11/2022 to 08/12/2022


<b>13 Details of SEMINARS, CONFERENCES, WORKSHOPS, FDPs etc. attended:</b>					
<b>S.No</b>	<b>Type (Regional/National/International)</b>	<b>Theme (Workshop/Conference/Seminar/FDP)</b>	<b>Organized by</b>	<b>Duration</b>	<b>Date</b>
1	National	Virtual training	Internal Quality Assurance Cell of D.G. Vaishnav College, Chennai	1 day	28.05.2021
2	National	FDP	Internal Quality Assurance Cell of D.G. Vaishnav College, Chennai	3 days	11.02.2021 to 13.02.2021
3	National	Short Term Training Program	Lords Institute of Engineering and Technology, Hyderabad	Two Weeks	21.06.2021 to 06.07.2021
4	National	FDP	Sree Saraswathi Thyagaraja College, Coimbatore	One week	16.06.2021 to 22.06.2021
5	National	FDP	Holy Cross College (Autonomous), Tiruchirappalli.	Five days	27.09.2021 to 01.10.2021.
6	International	Conference	JVM's Degree College in collaboration with Association of Chemistry Teachers (ACT)	Two days	9.08.2021 to 10.8.2021
7	International	FDP	Easwari engineering college, Ramapuram	Five days	23.08.2021 to 27.08.2021
8	International	Conference	Kalasalingam scademy of science and education, Krishnakoil	Two days	29.11.2021 to 30.11.2021
9	International	FDP	Kamala Nehru Mahavidyalaya, Nagpur	One week	02.05.2022 – 07.05.2022
10	National	FDP	J.K.K. Nataraja College of Arts & Science, Kumarapalayam	one week	31-10-2022 - to 07.11.2022

<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	253rd ACS international conference	Invisible ink from poly aryl ether dendrons	American Chemical society, California, United States	2017
2	International	2nd international conference in chemical and environmental science	Phenothiazine cored poly alkyl ethers	St. Peter's institution of higher education and research, Chennai	2021
3	National	New Frontiers in Organic Chemistry and Process Research	Rhodamine catalyzed synthesis of bisoxindoles	Stella Maris College, Chennai	2013
4	National	Lerig	Synthesis of spiro-oxindoles using benzothiophene dioxide as dipolarophile,	Central Leather Research Institute (CSIR), , Chennai	2010
5	National	Chemistry Inhouse symposium	Multi-stimuli responsive gels	IIT Madras.	2014

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	Invited speaker	Superhydrophobic materials	1 <sup>st</sup> Global Conference on Catalysis and Chemical Engineering	Strenous group, United Kingdom	February 23, 2022

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
1	Rhodamine based fluorescent chemosensors: Synthesis, spectral characterization, fluorescence studies and their application in bioimaging and cytotoxicity	Prof. Edamana Prasad	Science and Engineering Research Board (SERB), Department of Science & Technology, Government of India	31,60,000/- (completed with good score)	2014-17	3 years
2	A new class of NIR probes and bio imaging	Prof. Edamana Prasad	Science and Engineering Research Board (SERB), Department of Science & Technology, Government of India	19,20,000/- (awarded best research project poster)	2017-19	2 years

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


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	<i>Chem. Comm</i>	Synthesis of multi-functional materials through self-assembly of N-alkyl phenothiazine linked poly(aryl) ether dendrons	<u>Lakshmi, N.V.;</u> Madhu Babu, T.; Prasad, E.	52, 617.	2016	6.22
2	International	<i>Chem. Eur. J.,</i>	Multi –stimuli responsive organometallic gels based ferrocene linked poly (aryl) dendrons: Reversible Redox switching and Pb <sup>2+</sup> ion sensing,	<u>Lakshmi, N.V.;</u> Mandal, D.; Ghosh, S.; Prasad, E.	20, 9002	2014	5.16
3	International	Colloids and Surfaces B: Biointerfaces	Role of hydrophobicity in tuning the intracellular uptake of dendron-based fluorophores for in vitro metal ion sensing	<u>Lakshmi, N.V.;</u> Ramya Kannan, Prasad, E.	179, 180	2019	5.268
4	International	<i>RSC Adv.,</i>	A facile multicomponent synthesis,	<u>Lakshmi, N.V.;</u> Ponnureng	3, 496	2013	4.036

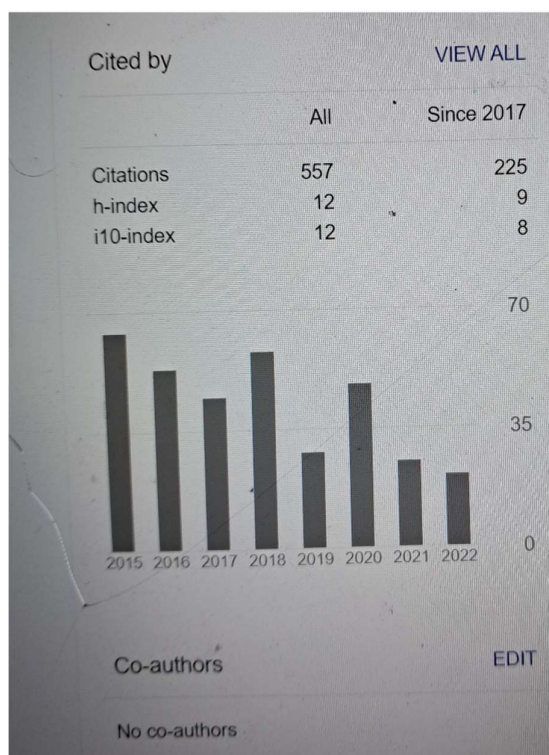
			antibacterial activity evaluation and QSAR studies of 3-bisoxindoles, 2-oxindolyl-2-hydroxyindan-1,3-diones and 2-oxindolyl-2-hydroxyacenaphylen-1-ones	am Malliappan Sivakumar, Doraiswamy Muralidharan, Mukesh Doble, Perumal, P. T.			
5	International	<i>Bioorg. Med. Chem. Lett.</i>	InCl <sub>3</sub> mediated one-pot multicomponent synthesis, antimicrobial, antioxidant and anticancer evaluation of 3-pyranyl indole derivatives	<u>Lakshmi, N. V.;</u> Thirumurgan, P.; Noorulla, K. M.; Perumal, P. T.	20, 5054	2010	2.823
6	International	<i>Synlett</i>	A rapid and efficient access to 2-amino-4-substituted-4H-chromenes catalyzed by InCl <sub>3</sub>	<u>Lakshmi, N. V.;</u> Kiruthika, S. E.; Perumal, P. T.	10, 1389	2011	2.418
7	International	<i>Synlett</i>	An easy access to novel spiro fused pyrrolo benzo[b]thiophene 1,1-dioxide derivatives via 1,3-dipolar cycloaddition using benzo[b]thiophene 1,1-dioxide as a dipolarophile	<u>Lakshmi, N. V.;</u> Thirumurgan, P.; Perumal, P. T.	6, 955	<b>2010</b>	2.418
8	International	<i>Tetrahedron Lett.</i>	New pathway to pyrrolidinones and pyrrolizidinones using aryl aldehydes, 3-phenyl-5-	<u>Lakshmi, N. V.;</u> Perumal, P. T.	54, 1817	<b>2013</b>	2.415

			isoxazolone and secondary amino acids				
9	International	<i>Tetrahedron Lett.</i>	Novel route to spiro piperidines using N-methyl-4-piperidone, malononitrile and electrophiles,	<a href="#">Lakshmi, N. V.;</a> Perumal, P. T.;	53, 1282	<b>2012</b>	2.415
10	International	<i>Tetrahedron Lett.</i>	Unusual mechanistic pathway for the synthesis of novel spirooxindoles via 3-phenyl-5-isoxazolone ring cleavage by secondary amino acids	<a href="#">Lakshmi, N. V.;</a> Arun, Y.; Perumal, P. T.	52, 3437	2011	2.415
11	International	<i>Tetrahedron Lett.</i>	A facile synthetic approach to novel spirooxindoles/acenaphthylene-1-ones containing benzo[1,4]thiazin-3-one ring via 1,3-dipolar cycloaddition	<a href="#">Lakshmi, N. V.;</a> Tamilisai, R.; Perumal, P. T.	52, 5301	2011	2.415
12	International	<i>Tetrahedron Lett.</i>	An expedient approach for the synthesis of dispiro pyrrolidine bisoxindoles, spiro pyrrolidine oxindoles and spiroindane-1,3-diones through 1,3-dipolar cycloaddition reactions	<a href="#">Lakshmi, N. V.;</a> Thirumurgan, P.; Perumal, P. T.	51, 1064	<b>2010</b>	2.415
13	International	<i>Can. J. Chem.</i>	Multicomponent assembly of 2-	<a href="#">Lakshmi, N. V.;</a>	91, 479	<b>2013</b>	1.12

			amino-4-substituted-4 <i>H</i> -chromenes using cyclic Michael donors	Kiruthika, S. E.; Perumal, P. T.			
14	International	<i>Tetrahedron Lett.</i>	A facile strategy for the one pot multicomponent synthesis of spirodihydropyridines from amines and activated alkynes,	Kiruthika, S. E.; <a href="#">Lakshmi, N. V.</a> ; Banu, B. R.; and Perumal, P. T.;	52, 6508	<b>2011</b>	2.415
15	International	<i>Arkivoc</i>	A simple and eco-friendly synthesis of 3-indolyl-3-hydroxy oxindoles and 11-indolyl-11 <i>H</i> indeno[1,2- <i>b</i> ]quinoxalin-11-ols in aqueous media,	Shanthi, S. <a href="#">Lakshmi, N. V.</a> ; Perumal, P. T.	( <i>x</i> ), 121	<b>2009</b>	1.253
16	International	<i>Magn. Reson. Chem.</i>	Synthesis and NMR spectral assignments of indol-3-yl pyridines through one-pot multicomponent reaction	Thirumuran, P.; Nandakumar, A.; <a href="#">Lakshmi, N. V.</a> ; Phanikumar, B.V.N.; Perumal, P. T.	48, 554	<b>2010</b>	2.447
17	International	<i>Curr. Org. Chem.</i>	Palladium catalyzed C-H activation and its application to multiple-bond formation reactions	T. Sreelatha, K. Ramachandiran, <a href="#">Lakshmi, N. V.</a> ; T. Hari Babu, D. Muralidharan, P.T.Perumal	17, 2001	<b>2013</b>	<b>2.193</b>



18	International	Acta Crystall ographi ca Section E: Structur e Reports Online	1'-Methyl-2,2''- dioxindoline- 3-spiro-2'- pyrrolidine-3'- spiro-3''- indoline-4', 4'- di-carbonitrile,	Ramesh, P., Sundaresan , S.S., <b>Lakshmi,</b> <b>N.V.,</b> Perumal, P.T., Ponnuswa my, M.N.,	8, 65	<b>2009</b>	0.581
19	International	Acta Crystall ographi ca Section E: Structur e Reports Online	3'-Benz-yloxy- 3-hydr-oxy- 3,3'-bi-1H- indole-2,2'(3H, 3'H)-dione monohydrate, Ramesh, P., Sundaresan, S.S.,	<b>Lakshmi,</b> <b>N.V.,</b> Perumal, P.T., Ponnuswa my, M.N.	5, 65	<b>2009</b>	0.581



This is from google scholar

20	Details of AWARDS received:		
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year
1	Best research project poster with score of 8.25/10	SERB, Government of India	December 2022
2	Award for excellence in research	IIRSG (Institute of investigation in remote sensing & gis)	2021
3	first prize in poster presentation in "2nd international conference in chemical and environmental science"	St. Peter's institution of higher education and research, Chennai	2021
4	Most cited publication award	tetrahedron letters (Elsevier journals)	2010
5	Best poster award in	Stella Maris College, Chennai	2013

	National Conference on “New Frontiers in Organic Chemistry and Process Research”		
6	Best poster award in Lerig,	Central Leather Research Institute (CSIR), Chennai-20	2010
7	Top second in allied subject (mathematics) in Under Graduation	Seethalakshmi Ramaswamy college, Tiruchirappalli.	2003
8	Top third in Higher Secondary (+2) in district level and received award from ADGP, Tamil Nadu) for that and also the scholarship	Government of Tamil Nadu	2002

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	IIRSG (Institute of investigation in remote sensing & gis)	Research Ethics committee.	-	2021

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