

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

1	Name	DR.D.S.PUSHPARANI
2	Designation	ASSISTANT PROFESSOR
3	Department	BIOCHEMISTRY
4	Employee Id	EC03011
5	Date of Birth	19.09.1979
6	Gender	FEMALE
7	Date of Appointment in this institution	02.07.2019
8	Experience in this institution	3 YEARS 5 MONTHS
9	Official Mail Id	pushparani@dgvaishnavcollege.edu.in
10	Blood Group	B +ve

11 EDUCATION DETAILS (from highest qualification):					
S.No.	Degree	Institution	University	Year of study	Grade/Class
1	PhD	SRM University	SRM University	2015	Highly Commendable
2	M.Phil	Manonmaniam Sundaranar University	Manonmaniam Sundaranar University	2003	First class
3	MS	Alagappa University	Alagappa University	2005	First class
4	MSc	Meenakshi College for women	University of Madras	2002	First class
5	BSc	Dr.MGR Janaki college of Arts & Science for women	University of Madras	2000	First class
6	NET			2019	Cleared

12 Details of ORIENTATION/REFRESHER COURSES attended:				
S.No.	Orientation/Refresher	University/Institution	Duration	Date (from-to)
1	Sponsored Refresher Course in Microbiology Batch -IV	UGC – Academic Staff College, University of Madras, Chennai		27 th Feb 2007 TO 19 TH MARCH 2007

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	National Conference on Recent Advances in Chemical Research (NCRACR-2019) Best Paper Award-First Prize, for oral paper presentation	SRM institute of science and Technology, Ramapuram.	1 day	12.9.2019
2	National	National Seminar on “Academia-Industry Interface”	Dr.MGR Janaki Arts & Science College for Women	2 days	30th and 31st August 2018
3	National	CME programme on “Immuno-oncology- Truly a pan approach to Cancer cure	Department of Microbiology, SRM Dental College,	2 days	25th and 26th October 2017.
4	National	Research Based Pedagogical Tools”	Department of Chemistry, held at SRM University, Chennai-600089	3 days	7th 8th, and 9th September 2017
5	International	International conference on Nano Drug Discovery “Nanodentcon-2K17	Department of Pharmacology, Saveetha University, Chennai.	1day	18.02.2017
6	International	Won Dr.MGR Centenary Award- second prize	Dr.MGR Janaki Arts & Science college for women.	2days	22nd & 23rd August 2016
7	National	Research Day 2016	SRM University, Kattankulathur.	1 day	26th February 2016

8	National	Research Day 2015	SRM University, Kattankulathur.	1 day	26th February 2015
9	National	National symposium on current perspectives in Biotherapeutics won best poster presentation award-Second Prize	Vels University, chrompet	1 day	18th February 2015
10	National	National conference on “Innovations in Life sciences for Sustainable Development (ILSSD won best paper presentation award-Second Prize (Senior Category)	T.S.Narayanaswa my College of Arts & Science, Navalur, Chennai- 130	1 day	29th January 2015
11	International	3rd SRU-CITI International conference on “Ethics and responsible conduct of research: Basics and Beyond (selected as best paper to be presented in the Award session)	CITI-India, Sri Ramachandra University	2 days	11th & 12th November 2014
12	International	Updates in research ethics and research methodology, (selected as best paper to be presented in the Award session)	CITI-India, Sri Ramachandra University	2 days	4th & 5th March 2013
13	International	Biochemistry for Tomorrow’s Medicine,	Department of Biochemistry, Justice Basheer Ahmed Sayeed College for women, India.	2 days	22nd &23rd February 2012
14	National	National conference on New Renaissance in Chemical	SRM University, Ramapuram	1 day	4th March

		Research	campus, India.		2011
15	International	The key role of Life Sciences for sustainable Development in the world	Hindustan University, India.	2 days	30th and 31st August 2010
16	National	Hands-on training entitled “Service and Maintenance of Microscope” conducted by Department of Anatomy.	SRM Dental College and Hospital (SRMDCH), SRM University, Ramapuram Campus, Chennai-600 089.	1 day	7.4.2016
17	National	Awareness programme on “Diagnostic updates Biosafety regulations and guidelines in health care” CME programme .	Department of Microbiology, SRM Dental College, Ramapuram.	1 day	23.2.2016
18	National	2nd CDE Program 2015 “Workshop on Oral Cancer”, held on 25th February 2015 at SRM Dental College, Ramapuram	SRM Dental College, Ramapuram	1 day	25.02.2015
19	National	Workshop on “Chemistry Education Research” organized by the Department of Chemistry, SRM University	SRM University	1 day	23.8.2014
20	National	Faculty development programme, an interactive seminar on teaching Dynamics in Certificate awarded with 6 CDE credits.	Sri Ramachandra University	1 day	22.02.2013
21	National	Workshop on “Research methodology & Biostatistics” organized by the Department of Oral Pathology, SRM Dental College, Ramapuram.	SRM Dental College, Ramapuram.	1 day	27.08.2013
22	National	Antibiotic resistance – A global threat” awareness programme, organized by the Department	SRM Dental College, Ramapuram.	1 day	29.01.2013

		of Pharmacology, SRM Dental College, SRM University, Ramapuram campus, Chennai-89. Certificate awarded with 3 CDE credit points.			
23	National	VII National BDS students seminar on Basic medical sciences, Saveetha University.	Saveetha University	1 day	10.12.2011
24	State	ISO Internal Audit Training Programme, SRM Dental College, Ramapuram	SRM Dental College, Ramapuram.	1 day	12.12.2012
25	State	Internal Auditor ISO 9001:2000, Quality Management System & Audit Training, organized by Creative Management Consultant, Certificate No: SRM DC-69	SRM University, Ramapuram	2 days	23rd-24th July 2007
26	International	International symposium on Cleft Lip and Palate prevention & stem cell research in dentistry organized by the Department of Oral and Maxillofacial Surgery- Indo pacific cleft prevention team, SRM Dental College, Ramapuram.	SRM Dental College, Ramapuram.	1 day	4.09.2013
27	National	CDE/CME- Research Methodology and Publication- Part II ,organized by Department of Oral Pathology, at SRM Dental College, Ramapuram	SRM University, Ramapuram	1 day	16.11.2011
28	National	one day symposium on “Recent trends in Industrial Biotechnology” organized by the Department of Biotechnology & Bioinformatics, SRM University, Ramapuram.	SRM University, Ramapuram	1 day	23.07.2010

29	National	CME programme in “Interpretation of Lab Data-Acid Base imbalance and calcium” Sri Ramachandra Dental College, Porur	Sri Ramachandra Dental College, Porur	1 day	30.7.2010
30	National	CDE programme in “Research Methodology & Publication” – Part I, organized by Department of Oral Pathology, at SRM Dental College, Ramapuram on 30th October, 2009.	SRM Dental College, Ramapuram	1 day	30.10.2009
31	National	National level symposium on “Metamorphs 2009”, Department of Biotechnology & Bioinformatics, SRM University, Ramapuram.	SRM University, Ramapuram	1 day	28.03.2009
32	National	New frontiers and current trends in Biotechnology “SBTI 2008”, Madras University, Chennai .	Madras University, Chennai	1 day	18.10.2008
33	National	“Microarray Data Analysis” School of Biosciences, Department of Bioinformatics, Ramapuram	SRM University, Ramapuram	1 day	29.9.2008.
34	National	State level symposium on “Future world is in the hands of Bioscience” organized by Department of Microbiology and Biochemistry, Hindustan College of Arts & Science, Padur, Chennai-603 103.	Hindustan College of Arts & Science, Padur, Chennai-603 103.	1 day	23.09.2008
35	National	Workshop on “Construction & analysis of Multiple Choice Questions” organized by the Department of Pharmacology, SRM Dental College, Ramapuram campus, Chennai-89.	SRM Dental College, SRM University, Ramapuram campus, Chennai-89.	1 day	1st February 2008.

36	National	National Conference and Intercollegiate Technical meet, “Biophora’07” Department of Biotechnology & Bioinformatics, SRM University, Ramapuram	SRM University, Ramapuram	1 day	4th Sep 2007
37	State	“Delegate” in the Tamilnadu BDS students seminar on Basic medical sciences, organized by Saveetha University, Institute of Medical and Technical Sciences, at M.M convention Centre, SIMATS, Chennai.	Saveetha University	1day	23rd October 2005
38	International	International standard Good Clinical Laboratory Practices	Ticel Bio-Park, Taramani, Chennai. YRG-Care co-sponsored by ICMR & DBT.	2 days	3rd JAN TO 4th January 2013
39	National	Research Based Pedagogical Tools	SRM University, sponsored by IISER,Pune, MHRD, DST/DBT and British Council	3 days	7th September 2017- 9th September 2017.
40	National	One week Professional Development program on “Avenues of Biotechnology”	SRM Institute of Science and Technology.	7 days	20/06/2022 to 26/06/2022
41	National	One week National level FDP on Developmental Techniques in Biological Sciences.	SRM Institute of Science and Technology	7 days	20.09.2021 to 26.08.2021.
42	National	National level FDP ON “Community Health and Nutrition”	Department of Home Science & I.Q.A.C., Govt. Nehru PG College, Dongargarh	7 days	23.08.2021 to 29.08.2021.

43	National	National level FDP on Applied chemistry: A catalyst for scientific Transformations.	Lavoisier's Association, SGT University.	5 days	23.08.2021 to 28.08.2021.
44	National	NATIONAL LEVEL VIRTUAL TRAINING ON ICT COMPETENCY FOR HIGHER EDUCATION TEACHERS .	DDGD Vaishnav college	3 days	13.07.2020 to 15.07.2020
45	National	Search techniques & tools to enhance research methodology with EBSCO host database.	DDGD Vaishnav college	1 day	27.05.2020
46	National	Faculty Awareness Program on NAAC Accreditation	RD's Shri Chhatrapati Shivajiraje College of Engineering	6 days	10.05.2020 to 15.05.2020
47	National	Heal –THY SELFEat what you need and not what you Greed	Department of Biochemistry, DDGD Vaishnav college	1 day	5th June 2021
48	National	Workshop on “CO PO Attainment”	Internal Quality Assurance Cell of Dwaraka Doss Goverdhan Doss Vaishnav College	1 day	2nd August, 2021
49	National	"Drug Discovery and Development: Current Technologies and Career Opportunities	Department of Biochemistry, DDGD Vaishnav college	1 day	6th October 2021.
50	National	“Thiosemicarbazones - The new wave in Cancer Treatment”.	Department of Biochemistry, DDGD Vaishnav college	1 day	18th June, 2021
51	National	Advances in Cancer Research,	SASI Institute of Advanced Study, Kerala	1 day	11th July 2020
52	National	‘Biochemical aspects of Covid 19’	Department of Biochemistry, DDGD Vaishnav	1 day	18.5.2020.

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53	National	National Webinar on Understanding Signs and Symptoms of Covid-19 Infection -NWUSSCI - 2020	Department of Biochemistry, DDGD Vaishnav college	1 day	2nd December 2020
54	National	Intellectual Property Rights	SECAB Business School.	1 day	14/05/2020
55	National	A SYSTEMATIC APPROACH TOWARDS MOLECULAR DOCKING AND DRUG DESIGN	SRMIST, RAMAPURAM	1 day	15.05.2020
56	National	soft skill training	DDGD Vaishnav college	1 day	25.5.2020
57	National	webinar series “Evolve ”	JNN Arts & Science College for women	7 days	20th May, 2020 to 26th May 2020
58	National	Educators Learning on Entrepreneurship	St.Thomas College of Arts & Science	1 day	1.06.2020
59	National	webinar “Negating the Negative Emotions of Covid-19	Sathyabama Institute of Science & Technology	2 days	8th and 9th June 2020
60	National	Transforming yourself in this pandemic era	Department of Biochemistry, DDGD Vaishnav college	1 day	12.06.2021
61	International Conference	International Conference on “Infectious Diseases in an Era of Vaccines”	Department of Biochemistry, DDGD Vaishnav college	2 days	18th and 19th October, 2021

62	International Conference	INTERNATIONAL e-CONFERENCE on “ Nutraceuticals as Immune Boosters	Department of Biochemistry, DDGD Vaishnav college	1 day	28th October 2020
63	International	International Webinar titled “ Fragile X Syndrome-Myths and Facts on EC matrix of the Brain	Department of Biochemistry, DDGD Vaishnav college	1 day	23.05.2020
64	International	International Webinar Series on “The Trinity of COVID-19: Immunity, Implications and Interventions	Dr.MGR Janaki Arts & Science college	3 days	4 - 6 June 2020

14 Details of Papers published in CONFERENCES/attended Conferences:					
S.No	Type (Regional/National/International)	Name of the Conference	Name of the paper presented/Attended	Organized by	Date
1	National	National Conference on Recent Advances in Chemical Research (NCRACR-2019) Best Paper Award-First Prize, for oral paper presentation	Economical Production of plant based Carbonic anhydrase from the leaves of Lantana Camara	SRM institute of science and Technology, Ramapuram.	12.9.2019
02	National	National Seminar on “Academia-Industry Interface”	Role of Antioxidant Herbals in Periodontal Care	Dr.MGR Janaki Arts & Science College for Women	30th and 31st August 2018
03	National	CME programme on “Immuno-oncology- Truly a pan approach to	Immunotherapies in cancer- An update	Department of Microbiology, SRM Dental	25th and 26th October 2017.

		Cancer cure		College,	
04	National	Research Based Pedagogical Tools”	Prevention of Dengu	Department of Chemistry, held at SRM University, Chennai-600089	7th 8th, and 9th September 2017
05	International	International conference on Nano Drug Discovery “Nanodentcon-2K17	Nanotechnology in Wound Healing	Department of Pharmacology, Saveetha University, Chennai.	18.02.2017
06	International	Won Dr.MGR Centenary Award- second prize	Role of zinc and lysosomal enzyme levels in Type 2 Diabetes mellitus with periodontitis	Dr.MGR Janaki Arts & Science college for women.	22nd & 23rd August 2016
07	National	Research Day 2016	Role of Herbal extracts in the wound healing process –An update	SRM University, Kattankulathur.	26th February 2016
08	National	Research Day 2015	Role of Serum zinc and iron on β D Glucuronidase enzyme activity in Type 2 Diabetes Mellitus with Periodontitis,	SRM University, Kattankulathur.	26th February 2015
09	National	National symposium on current perspectives in Biotherapeutics won best poster presentation award-Second	Serum Micronutrients role in Type 2 Diabetes Mellitus with Periodontitis	Vels University, chrompet	18th February 2015

		Prize			
10	National	National conference on “Innovations in Life sciences for Sustainable Development (ILSSD) won best paper presentation award-Second Prize (Senior Category)	Serum Zinc and Acid phosphatase Enzyme Activity in Type 2 Diabetes Mellitus with Periodontitis	T.S.Narayanas wamy College of Arts & Science, Navalur, Chennai-130	29th January 2015
11	International	3rd SRU-CITI International conference on “Ethics and responsible conduct of research: Basics and Beyond (selected as best paper to be presented in the Award session)	Serum Zinc and β D Glucuronidase Enzyme Level in Type 2 Diabetes Mellitus with Periodontitis	CITI-India, Sri Ramachandra University	11th & 12th November 2014
12	International	Updates in research ethics and research methodology, (selected as best paper to be presented in the Award session)	Metabolic changes of serum cathepsin D level in type 2 diabetes mellitus with periodontitis	CITI-India, Sri Ramachandra University	4th & 5th March 2013
13	International	Biochemistry for Tomorrow’s Medicine,	Studies on serum calcium and alkaline phosphatase in	Department of Biochemistry, Justice Basheer Ahmed Sayeed College for	22nd & 23rd February 2012

			Type 2 Diabetes mellitus with periodontitis among the Indian population	women, India.	
14	National	National conference on New Renaissance in Chemical Research	Altered metabolism of zinc and magnesium is associated with increased level of serum cholesterol in patients with periodontitis and type II diabetes mellitus	SRM University, Ramapuram campus, India.	4th March 2011
15	International	The key role of Life Sciences for sustainable Development in the world	Nanotechnology- A New Hope for Human Life	Hindustan University, India.	30th and 31st August 2010

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	Intercollegiate Intellectual fest.	JUDGE	Department of Biochemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam.	18 th October 2022
2	9 th STAR Summit Transdisciplinary Research Summit Saveetha Annual	Judge	Saveetha Dental College, Chennai.	23 rd June 2022

3	Phd Viva Voce External Examiner	Identified Adjudicator (External Examiner)	Dept. of Biochemistry, VISTAS, Pallavaram, Chennai-600 117.	13-09-2021
4	Chairperson to “Judge” the paper/poster presentations in the 6th STAR Summit	Judge	Saveetha Dental College, Chennai.	30th January 2019
5	chairperson , sharing a scientific session, in the 12th International BDS Students seminar on Basic Medical Sciences	Judge	Saveetha Dental College .	08-12-2018
6	“Role of zinc in type 2 diabetes mellitus with periodontitis” organized by the Department of Biochemistry, Saveetha Dental College on 24-11-2018.	Guest Lecture	Saveetha Dental College .	24-11-2018
7	Chairperson to “Judge” the paper/poster presentations in the 5th STAR Summit	Judge	Saveetha Dental College, Chennai.	8th January 2018
8	Chair person for a session in the 9th International conference	Judge	Saveetha Dental College, Chennai.	11th November 2014.

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 Hand book on “Calcium and Iron in Type 2 Diabetes mellitus with Periodontitis”		Lambert Academic Publishing.	ISBN: 978-3-659-58649-1 & 2014

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

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	Renewable and Sustainable Energy Reviews. Citation Score: 28.5	Screening of antioxidant additives for biodiesel fuels		Volume 82, Part 3	February 2018	IF: 16.799 SNIP: 3.694
2	International	International Journal of ChemTech Research	Role of Herbal Extracts in Wound Healing Process – A Review”		Vol.11(10), pp 280-286.	2018	IF:0.515 SNIP: 0.598 H index: 23
3	International	Current Nutrition and Food Science	Serum Zinc and Lysosomal enzyme changes in Periodontitis”		Volume 12(3), pp. 208-211.	Oct 2016	
4	International	Current Diabetes Reviews,	Serum Zinc and beta D Glucuronidase Enzyme Level in Type 2 Diabetes		Volume 12.	Jan 2016	SNIP: 1.205

			Mellitus with Periodontitis				
5	International	Current Diabetes Reviews	Zinc and Type 2 Diabetes Mellitus with Periodontitis- A Systematic Review.			2014	SNIP: 1.205
6	International	International Journal of PharmTech Research	Serum Zinc and Iron Level in Type 2 Diabetes Mellitus with Periodontitis.		7(1):165-171.	2015	IF:0.619 SNIP:0.66 H index: 28
7	National	Journal of Basic and Clinical Pharmacy	High Acid Phosphatase Level in the Gingival Tissues of Periodontitis Subject.		6(2): 59-63	2015	
8	International	International Journal of PharmTech Research	Influence of Serum Zinc on Calcium, Iron and Magnesium levels in Type 2 Diabetes Mellitus with Periodontitis			Nov, 2015	IF:0.619 SNIP:0.66 H index: 28
9	National	J Indian Soc Periodontology	Serum zinc and magnesium concentrations in type		18(2):187-193.	2014	Pubmed SNIP: 0.691

			2 diabetes mellitus with periodontitis				
10	International	IJPSR	Cathepsin D level in the human gingival tissues and serum of periodontitis subjects		5(5):1924-1930.	2014	Scopus IF:1.83
11	International	Journal of Asian Scientific Research	High Level of Serum Calcium and Iron Influences the Risk of Type 2 Diabetes Mellitus with Periodontitis		4(2):70-82	2014	GIF: 0.467 H Index: 8
12	International	Int J Pharm. Bio. Sci.	Metabolic changes of serum cathepsin D in Periodontitis with and without type 2 diabetes mellitus.		5(1):148-157.	2014	Scopus SJIF: 7.2 SNIP: 0.337
13	International	Int J Pharm Sci Rev Res.	Low Serum Vitamin C and Zinc are associated with the development of Oxidative stress in		23 (2): 259-26	2013	Scopus SCI: 0.65

			Type 2 Diabetes Mellitus with Periodontitis				
14	International	IJSER	Comparison of Acid phosphatase and β D-Glucuronidase Enzyme Levels in Type 2 Diabetes Mellitus with and without Periodontitis.		4(10):1164-116.	2013	IF: 4.4
15	National	SRM J Res Dent Sci,	A clinical study of serum alkaline phosphatase and calcium level in type 2 diabetes mellitus with periodontitis among the South Indian population.		3:175-179	2012	
16	International	Pharmaceutical Analytical Chemistry	Role of cytokines in periodontal wound healing process – a review		2015	2015	
17	International	International Journal of	Zinc and Carbonic Anhydrase		2015	2015	IF:0.515

		ChemTech Research,	Inhibitors – An Update				SNIP:0.598 H index: 23
18	International	Biochemistry & Pharmacology (Los Angel),4:162.,	Low Serum Zinc and Increased Acid Phosphatase Activity in Type 2 Diabetes Mellitus with Periodontitis Subjects”		doi: 10.4172/2167-0501.1000162. ISSN: 2167-0501	2015	
19	National	Advanced Chemical Science and Applications	Enhancement of Iron Absorption in Black Strap Molasses using Vitamin C – an in vitro Study.		2014; 2(4):15-18	2014	

20	Details of AWARDS received:		
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year
1	Best Paper presentation Award-First Prize	SRM institute of science and Technology, Ramapuram.	12th September’2019
2	Certificate of Excellence in Reviewing Award”	In recognition of outstanding quality of the journal – International Blood Research & Reviews	2017
3	Certificate of Excellence in Reviewing Award”	In recognition of outstanding quality of the journal – International	2016

		Journal of Clinical Biochemistry research	
4	Dr.MGR Centenary Award-Second Prize” for paper presentation	Dr.MGR Janaki Arts & Science College for women.	22nd & 23rd August 2016
5	Certificate of Appreciation” for best paper publication (Cash Prize Rs.40,000) for the year 2014-2015, SRM University, Kattankulathur.	SRM University, Kattankulathur.	2015
6	Best paper presentation award – Second Prize	T.S.Narayanaswamy College of Arts & Science, Navalur, Chennai-130	29th January 2015
7	Best poster presentation award-Second Prize	Vels University, chrompet.	18th February 2015
8	Won Proficiency Prize -I place. Biochemistry	Dr.MGR Janaki Arts & Science College for women.	2000

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	Clinical Medicine Journal	Editorial board member		
2	Public Health journal	Editorial board member		
3	American Journal of food and Nutrition	Editorial board member		
4	International Journal of Research & Review	Editorial board member		
5	International Journal of Dental Science	Editorial board member		
6	Association of chemistry teachers (ACT), India	Life membership		

7	Society of Biological Chemists, Bangalore	Life membership		
8	Research Scholars Hub, Gujarat	Life membership		

22 POSITIONS HELD in this institution:			
S.No.	Institution/Department Level	Position	Duration
1.	DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE	ASSISTANT PROFESSOR	2019 TO TILL DATE