

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

1	Name	Dr.R.UMA
2	Designation	Assistant Professor
3	Department	Biochemistry
4	Employee Id	EC04001
5	Date of Birth	26.06.1975
6	Gender	Female
7	Date of Appointment in this institution	26.10.1998
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11	EDUCATION DETAILS (from highest qualification):				
S.No.	Degree	Institution	University	Year of study	Grade/Class
1	Ph.D	Ramakrishna Mission Vivekananda College, Chennai	Madras	2015	Highly commended
2	M.Phil	University of Madras, Guindy campus	Madras	1999	Highly commended I Class with Distinction
3	M.Sc(BI)	School of Distance Education	Bharathiyar	2010	I Class
4	SLET	UGC	Bharathidasan	1998	-
5	M.Sc	University of Madras, Guindy campus	Madras	1997	I Class with Distinction
6	B.Sc	Bharathi Women's College, Chennai	Madras	1995	I Class with Distinction
7	XII HSC	GGHSS, Chennai	-	1992	I Class with Distinction

12	Details of ORIENTATION/REFRESHER COURSES attended:			
S.No.	Orientation/Refresher	University/Institution	Duration	Date (from-to)

13	Details of SEMINARS, CONFERENCES, WORKSHOPS, FDPs etc. attended:				
S.No	Type (Regional/National/International)	Theme (Workshop/Conference/Seminar/FDP)	Organized by	Duration(day)	Date
1	National Seminar	Molecular Basis of Disease – Current Perspectives and New Frontiers	University of Madras, Guindy.	2	13 & 14th March, 2006
2	National Seminar	Mosquito Biodiversity and Challenges in control of Mosquito borne Diseases	Loyola College, Chennai	2	19th & 20 th February, 2007
3	Regional Symposium	Newer challenges in laboratory diagnosis for life style diseases	Loyola College, Chennai	2	17-18 th December, 2007
4	Technical Update Seminar	Cutting Edge on Molecular Techniques	Eppendorf company, Chennai	1	20th December, 2007
5	National Convention	Biological Sciences	DDGD Vaishnav College, Chennai	1	5th March 2008
6	National Level Technical Workshop	Bio programming Molecular Modelling and Drug Designing, Vel's University, Chennai.	Vel's University, Chennai.	2	6th & 7th January, 2009
7	National Seminar	The Role of Antioxidants in the Treatment of Diseases	University of Madras, Taramani campus	1	7th March, 2009
8	State Level Workshop	Recent trends in the diagnosis of Malignant Diseases	Cancer Institute, Adyar	1	27th November 2010
9	State Level Seminar	Impact of Diabetes mellitus on Human- Metabolic & Clinical facets-Role of Biochemists	DDGD Vaishnav College, Chennai	1	19th January, 2011
10	National conference	Nanobiotechnology -The Force of the Future	Women's Christian College	3	10-12th August ,2011
11	National Seminar	Research Methodology and preparation of Project Proposal	DDGD Vaishnav College, Chennai	2	14th & 15th October 2011
12	National Symposium	Recent Trends in Basic Sciences - "Translation from Bench to Bedside"	Frontier Mediville , Gummidipoondi	1	21st January 2012

13	International Conference	Biosciences -‘Trends in Molecular Medicine’	Dept of Biochemistry DDGD Vaishnav College, Chennai	2	7th & 8th February 2012
14	International Seminar	Emerging trends in diagnosis and therapy	Dept of Biochemistry, Ethiraj College for Women. Chennai	1	2 nd August, 2012
15	National level workshop	Molecular methods to study PKC inhibitors from marine resources –A novel target for anti cancer drugs,	Dept of Lifesciences, Hindustan college of Arts & Science,Chennai	3	22 nd -24 th August 2012
16	State Level Workshop	Health and Herbs	Department of Microbiology, DDGD Vaishnav College,Chennai	1	11 th September 2012
17	National Symposium	Emerging trends in Biotechnology	Dept of Biotechnology, Alpha arts & science College, Chennai	2	21st -22nd September 2012
18	National seminar	Biosolutions -2K14	Valliammal College Chennai	1	15 th February 2014
19	National Seminar	Developments, challenges and opportunities in Biosciences	Dept of Biochemistry and Bioinformatics and clinical Trial Management, Dr.MGR Janaki College of arts and science for Women	2	27th &28th August 2014
20	National Conference	Molecular Basis of Human Diseases	Dept of Biochemistry, Bharathi Women’s College,Chennai	2	08th &09th January 2015
21	International Seminar	“The need for a National Genetic Resource of Technologically important Fungi”	Vivekananda Institute of Tropical Mycology (VINSTROM),Chennai	1	20 th February 2015
22	National Workshop	Phycomarine – its Significance	Department of Plant biology & plant biotechnology ,Justice Basheer Ahmed Sayeed College for Women,Chennai	1	12 th January 2016
23	National Conference	Recent advances in biological and chemical sciences	Dept of Biochemistry,Annai Violet college of arts and science ,Chennai	2	04th and 05th February 2016

24	State Level Seminar	Recent advancements in Biotechnology: Opportunities & Challenges	Dept of Plant biology & Biotechnology, Loyola college of arts and science ,Chennai	1	10 th March 2016
25	International conference	“Modern Diagnostic tools in health Science”	Dept of Microbiology Biochemistry & Bioinformatics Dr.MGR Janaki College of arts & science,Chennai-28	2	22 & 23rd Aug 2016
26	National symposium	Challenges of Autism Spectrum Disorders-A Platform for Autism Awareness	Dept of Biochemistry,Bharathi Women’s college,Chennai-108 .	2	28 th November 2016
27	National Seminar	Biomarkers: From research to clinical Practice	Department of Biochemistry, Meenakshi College For Women Chennai,	2	30&31 st , January 2017
28	State scientific seminar	One day scientific seminar and workshop on Prevention and management of iron deficiency anaemia in rural girls	Dept of Biochemistry, T S Narayanaswamy College,Chennai-130	1	27 th February 2017
29	International conference	Food microbiology and food safety	DDGDVC,Chennai	1	11 th October 2017
30	State workshop	Seeking new knowledge (s) beyond frontiers - Research methodology on Contemporary Research in Science	DDGDVC,Chennai	1	05 th October 2017
31	State Workshop	Public finance management system-Expense advance transfer module	UGC Cell, DDGDVC, Chennai	1	06 th November 2019
32	National FDP	Bloom's Taxonomy	IQAC, Delhi School of Professional studies and Research, Delhi	1	18 th April 2020
33	National Webinar	Novel Microbe and Newer threats	Sathyabama Institute of Science and technology & IAAM, Chennai	10	20 th April – 02 nd May 2020
34	Inter National Webinar	ICT Application in Teaching and Learning,	Colombo Plan Staff College	1	22 nd April 2020
35	Inter National Webinar	Teacher to Educational leader Colombo Plan Staff College	Colombo Plan Staff College	1	23 rd April 2020

36	National Webinar	Enhancing Research Effectiveness using Scopus, Science direct and Mendeley	FDC,Kurukshetra University,Kurukshetra & ELSEVIER(MHRD)	1	01 st May2020
37	State Webinar	Automy and Academic Independence	Shiksha Sanatriti Utthan Nyas(SSUN),Tamilnadu	1	02 nd May2020
38	National Webinar	Leaders and Decision Through Chanakya Neeti,	Valia College (Arts &Commerce) & IAA	1	10 th May2020
39	National Workshop	Online Course Design, Development and Delivery	UGC-HRDC , University of Hyderabad	3	11 th – 13 th May 2020
40	National Webinar	Intellectual property rights,	SECAB Business School, Vijaypur	1	14 th May 2020
41	National Webinar	Celebration of 100 years of women in India	University of Engineering Manamement, Kolkatta	1	15 th May 2020
42	National Webinar	Computational Perspectives in handling Bioloigical data	Stella Mary's College,Chennai	1	21 st May 2020
43	State Seminar	COVID 19-Biology & Health implications	Dr.Ambedkar Government Arts College, Chennai	1	21 st May 2020
44	National Conference	COVID 19: Views and Challenges of global disease,	Government Arts College for Men, Krishnagiri	1	22 nd May 2020
45	Inter National Webinar	Fragile X Syndrome -Myths and facts on EC matrix of the brain,	Biochemistry Department,DDGD Vaishnav College, chennai	1	23rd May 2020
46	Inter National Webinar	Art of writing research Review/Articles for publishing in peer reviewed journal	MES College Erumely, Kerala.	1	25 th May 2020
47	Inter National Webinar	Next generation sequencing methodologies & applications	Bhaktavatsalam Memorial College,Chennai-80	1	25 th May 2020
48	National Webinar	Post Covid World: Skills & strategies for faculty	Business Standard Learning	1	25 th May 2020
49	National Webinar	Bioinformatics as Cartographic tool in Drug discovery	Department of Bioinformatics, Alagappa University, Karaikudi	12	19-30 th May 2020
50	Inter National Webinar	Biomaterials on Healthcare Applications,Department of Biotechnolgy, Karunya University	Department of Biotechnology, Karunya University	3	28- 30 th May 2020

51	National workshop	MOODLE LMS	Department of English Justice basheer Ahmed College for Women.Chennai	7	26 -31 st May 2020
52	National webinar	How to use Open Educational Resources to Desire	St.Mary's College, Thoothukudi, Tamilnadu	1	31 st May 2020
53	Inter National Online Conference	Current Innovations and the future of therapeutic Development-CIFTD 2020,	BCMT, Vellor Institute of technology, Vellore	3	01 -03 rd June 2020
54	Inter National Webinar	Usage of ICT Tools for effective learning and evaluation	Dept of Computer science, ST. Josephs degree & PG college, Hyderabad	5	01-05 June 2020
55	National webinar	Future Perspectives in Biotechnology	School of life sciences, BS Abdur Rahman Crescent institute of Science & technology	2	11.06.202 0- 12.06.202 0
56	Inter National Webinar	Recent Trends and Challenges in Biotechnology	Dept of Biotechnology, Bharathiar University, Coimbatore	4	23.06.202 0- 26.06.202 0
57	State Seminar	Art of Research Publications	IQAC, The Quaide Milleth College for Men,Chennai	2	24& 25 th June 2020
58	Inter National Symposium	Emerging advancements and technologies in the field of Lifesciences Teaching &Research,	Dept of Zoology,Dr.Ambedkar Government Arts College, Chennai	3	08-10 th July 2020
59	Inter National Symposium	COVID-19 Disease control- Opportunities and Challenges for Vaccines, Biotherapeutics & diagnosis	CBST(Center for Bioseparation technology),Vellore Institute of Technology	2	09-10 th July 2020
60	National Workshop	ICT Competency for Higher Education Teachers	IQAC,DG Vaishnav College,Chennai-106	3	13- 15 th July 2020
61	Inter National Symposium	COVID 19-Disease Control- opportunitirs &challenges for drug discovery & Development	CBST,Vellore Institute of Technology, Vellore.	2	24 & 25th July 2020
62	National Seminar	Evolving trends in Biotechnological Research,Dept of Biotechnology	Dept of Biotechnology, Sri Venkateswara College of Engineering Sriperambadur	5	27 th - 31 st July 2020
63	National workshop	ICT tools for effective assessment-Formative and Summative	IQAC,DG Vaishnav College,Chennai-106	2	17 &18 th September 2020
64	Inter National Conference	Nutraceuticals as immune Boosters	Dept of Biochemistry, DDGD Vaishnav College	1	28 th October 2020

65	International econference	Cyanobacterial and algal Biotechnology	Bharathidasan university	3	18 th - 20 th December 2020
66	State Workshop	Virtual Training on CO PO Attainment	Dwaraka Doss Goverdhan Doss Vaishnav College	1	28 th May 2021
67	International level webinar	Research across the Globe	Valliammal College for women, Chennai	1	28 th May 2021
68	National Webinar	Climate smart Benefits of Bamboo to protect the environment	Gurunanak College, Chennai-42	1	05 th June 2021
69	National Webinar	Webinar on How do atomistic simulations capture biomolecules in action	Manav -Human Atlas Initiative- NCCS-Pune	1	10 th June 2021
70	International conference	2nd Virtual conference on naturopathy, nutraceuticals and immunotherapy	School of life sciences, BS Abdur Rahman crescent Institute of technology	2	11 & 12 June 2021
71	National Webinar	National Webinar on Empowering women through Entrepreneurship	Gurunanak College, Chennai	1	15 th June 2021
72	National virtual FDP	Seven-day National Virtual on “Incessant upgradation – Hallmark of a good teacher”	IQAC, Shri Krishnaswamy College for Women, Chennai –	7	22 nd - 28 th June 2021
73	National webinar	Webinar on Shapeshifters in cancer: How do tumor cells switch among different cell states to drive Metastasis & drug resistance	Manav -Human Atlas Initiative- NCCS-Pune	1	24 th June 2021
74	National level virtual webinar	Intellectual property rights- An Overview	Bharathi Women’s College, Chennai- 108	1	26 th June 2021
75	National Level Online Faculty development programme	Effective Teaching and skills for Career advancement	Faculties of Science Stream, Sao Chang College, Tuensang; Nagaland	6	23 rd – 28 th June-2021
76	State Webinar	Webinar on COVID 19 Road map to recovery: Tackling psychological and physical health challenges	Bharathi Women’s College, Chennai- 108	1	05 th July 2021
77	National level Webinar	National level Webinar series on Zoonotic Diseases- Prevention & control	Bharathi Women’s College, Chennai- 108	1	06 th July 2021
78	National workshop	Workshop on Analytical Instrumentation	Sophisticated Analytical Instrumentation facility, Punjab University, Chandigarh	3	08 to 10 th July 2021

79	National level workshop	Primer Designing	Annai Velankanni's College for women, Chennai	1	12 th July 2021
80	State level Webinar	NDLI USER AWARENESS	D.G.Vaishnav College (Autonomous) NDLI Club	1	14 th July 2021
81	National FDP	National FDP(15days) Tools and Techniques in Applied Bioinformatics	PG Department of Botany, New College, Chennai	15	19 th July– 02 nd August 2021
82	International Conference	Infectious Diseases in an Era of Vaccines	Department of Biochemistry, Dwaraka Doss Govardhan Doss Vaishnav College Chennai	2	18 & 19 th October 2021
83	International Workshop	Academic writing: Ethical Issues	Global Institute of Statistical Issues, Chennai	3	7, 8, & 9 th Jan 2022
84	National awareness	National intellectual property awareness Mission	Intellectual property Office India	1	08 th April 2022
85	International conference	Unravelling therapeutic resources from Nature's treasure	PG & Research dept of Biosciences, Mohammed Sathak college of arts and science	2	20 & 21 st April 2022
86	Virtual four days Faculty Development Program	Next Generation Sequencing-From Genomics to Medicine	Dept of Biotechnology, PES University in collaboration with Leucine Rich Bio private limited, Bangalore	4	25-28 th July 2022
87	National workshop	Online workshop on National e -Awareness cum Training on IPR (NeAT IPR)	University of Madras & CSIR-Institute of Minerals & Materials Technology (IMMT), Bhubaneswar, India	6	25-30 th July 2022
88	International conference	International conference on Unravelling therapeutic resources from Nature's treasure	PG & Research dept of Biosciences, Mohammed Sathak college of arts and science	2	11 & 12 th August 2022
89	State Workshop	One day workshop on Nuances on Documentation Process: Research Proposal, NAAC & NIRF	Tamil Nadu State Council for Higher education, Chennai	1	10 th August 2022
90	National Level FDP	Outcome based education	Departments of Commerce (Accounting & Finance and	6	8 th August to 13 th

			Corporate Secretaryship) ,Shri Krishnaswamy College for women,Chennai		August, 2022
91	National Level FDP	Invitro and Insilico Protocols in Metagenomics	School of Bioengineering, SRMIST, Kattankalathur	6	28 th November 2022-03 rd December 2022

14 Details of Papers Presented in CONFERENCES:					
S.No	Type (Regional/National/International)	Name of the Conference	Name of the paper presented	Organized by	Date
1	National seminar	Cellular and Molecular Neurobiology in Health & Diseases	Traditional medicine in treating the diseases affecting nervous system	University of Madras.	February 11 & 12th 2011
2	National seminar	Cellular and Molecular Neurobiology in Health & Diseases	A simple tool to compute membrane action potential –HHsim	University of Madras	February 11& 12th 2011
3	International Conference	International Conference on Impact of Physical sciences and biology	“Preliminary phycochemical analysis and invitro antibacterial screening of green micro algae of <i>Desmococcus olivaceus</i> , <i>Chlorococcum humicola</i> and <i>Chlorella vulgaris</i> ”	Queen Marys college (Autonomous) Chennai.	7 - 9 th July 2011
4	International Conference	International Conference on Impact of Physical sciences and biology	Evaluation of in vitro antioxidant activities and anti proliferative activity of green micro algae of <i>Desmococcus olivaceous</i> and <i>Chlorococcum humicola</i>	Queen Marys college (Autonomous) Chennai.	7th - 9 th July 2011
5	National conference	Impact of Biotechnology in Health care and Industry	Evaluation of Lymphocyte Markers in Type II Diabetes and Arthritis- A Case control study,	Vel tech Hitech Engineering College	21st December 2011
6	National Conference	The role of free radicals in Health and disease	In Vitro Antioxidant Potential of the Green Micro algae <i>Desmococcus olivaceous</i> ,	Dept. of Biochemistry, University of Madras, Chennai	27 & 28th Jan 2012

			<i>Chlorococcum humicola</i> "		
7	National Conference	The role of free radicals in Health and disease	Antioxidant potential of the different extracts of fruits of <i>Solanum xanthocarpum</i> .	Dept. of Biochemistry, University of Madras, Chennai	27 &28th Jan 2012
8	National Conference	The role of free radicals in Health and disease	Evaluation of antioxidative activity of the leaves of <i>Marsilea quadrifolia</i>	Dept. of Biochemistry, University of Madras, Chennai	27 &28th Jan 2012
9	National Conference	National Conference on Recent Advances in algal Biotechnology NCRAAB 2012	In Vitro Anticancer activity of Micro algae <i>Desmoccoccus olivaceus</i> , <i>Chlorococcum humicola</i> on HepG2, HT29 & MCF7 cell lines	Centre for Advanced Studies in Botany, University of Madras, Chennai	16 &17 th Feb 2012
10	International seminar	Biochemistry for Tomorrow's Medicine	Evaluation of Oxidative stress Biomarkers in saliva of Type II Diabetes mellitus.	Dept. of Biochemistry, JBAS college for Women (autonomous) Chennai	22 &23 rd Feb 2012
11	International seminar	Biochemistry for Tomorrow's Medicine	characterisation of oral microbial flora in controlled and poorly controlled Type II Diabetes mellitus.	Dept. of Biochemistry, JBAS college for Women (autonomous) Chennai	22 &23rd Feb 2012
12	International seminar	Biochemistry for Tomorrow's Medicine	Evaluation of prevalent nutritional based disorders among adolescent girls	Dept. of Biochemistry, JBAS college for Women (autonomous) Chennai	22 &23rd Feb 2012
13	International Conference	Biosciences, Trends in Molecular Medicine (ICBTMM- 2012)	Evaluation of Lipid peroxidation and antioxidant status in saliva of cancer	Dept. of Biochemistry, DDGD Vaishnav College, chennai	March 2012
14	International Conference	Biosciences, Trends in Molecular Medicine (ICBTMM- 2012)	Biomarkers in saliva of Type I Diabetes for Diagnostic and prognostic significance.	Dept. of Biochemistry DDGD Vaishnav College	March 2012
15	Regional	Regional Science Congress on Science for shaping the future of India	In Vitro Cytotoxic activity of <i>Marsilea quadrifolia</i> Linn of MCF- 7 cells of human Breast cancer"	Indian Science Congress Association, Coimbatore chapter & Kongunadu Arts and Science College, Coimbatore, Tamilnadu	15-16th December 2012

16	National Seminar	Bioactive compounds and their impact on Health & Environment	Bioactive Compounds From Microalgae – <i>Desmococcus olivaceus</i> (Persoon ex Acharius) J.R. Laundon using UV-VIS, FTIR and GC-MS	Department of Biochemistry, Meenakshi College For Women, Chennai	24 th January 2013
17	National	Traditional medicine : The untapped treasure in modern drug discovery	Analysis of phytonutrients and antimicrobial activity of microalgae, <i>Chlorococcum humicola</i>	Department of Biotechnology, Veltech Hitech Engineering College, Chennai	30 & 31 st January 2013
18	International conference	Emerging trends & challenges in Science & Technology”	Synthesis of silver nanoparticles at different temperature using leaf extracts of <i>Bauhinia tomentosa</i>	Department of Life Sciences, Bhaktavatchalam College of Arts & Science, Korattur, Chennai	1 & 2 nd March 2013
19	National conference	Herbal medicine – Back to the future	Evaluation of invitro anticoagulant activity of <i>Murraya koenigii</i> and <i>Bauhinia tomentosa</i> leaf extract”	Department of Cellular and Molecular Biochemistry, Frontier Mediville, Gummidipoondi.	9 th & 10 th October 2013.
20	State Seminar	State Level Seminar on Trends in Biochemistry past, present and future	Analysis of expression of apoptotic proteins in HT29 cells, human colon carcinoma cell line treated with methanolic extract of <i>Chlorococum humicola</i> ”	Department of Biochemistry, JBAS College for Women (autonomous) Chennai	08 th January 2014
21	National Seminar	“National Seminar on Lifestyle Diseases- Causes and prevention	Evaluation of estrogen, Lipid profiles and minerals in pre, peri and post Menopausal women –A Case control Study	Dept. of Biochemistry, D.G.Vaishnav College ,Chennai	22 nd January 2014
22	National Seminar	“National Seminar on Lifestyle Diseases- Causes and prevention	Synthesis, Characterisation, antioxidant and antimicrobial activities of silver nanoparticles using <i>Bauhinia tomentosa</i> linn aqueous leaves extract	Dept. of Biochemistry, D.G.Vaishnav College ,Chennai	22 nd January 2014
23	National Seminar	“National Seminar on Lifestyle Diseases- Causes and prevention	Evaluation of Serum hepatic enzyme markers in Rheumatoid Arthritis – A Case Control Study.	Dept. of Biochemistry, D.G.Vaishnav College ,Chennai	22 nd January 2014

24	International Conference	International Conference on Nanoscience and engineering applications(ICO NSEA)	Green Synthesis And Characterization of Silver Nanoparticles Using Aqueous Whole plant extract of <i>Vernonia cinerea</i> L. and its Biological activities.	JNTUH, Hyderabad	26,27,& 28 th Jan 2014
25	National Seminar	Biosolutions 2K14 - Connecting Science and Career	“Evaluation Of Phytonutrient, Phytochemical And Thin Layer Chromatography Profiling Of Sequential Extracts Of <i>Vernonia cinerea</i>	Valliammal College,Chennai	15th February 2014
26	National Seminar	Recent advances in Biotechnology and Applied Microbiology	Effect of pH in the synthesis of silver nanoparticle using aqueous extract of <i>Vernonia cinerea</i>	Dept of Microbiology, Kanchi Shri Krishna College of arts and Science, Kanchipuram	3 and 4th March 2014
27	National Conference	Natural products as therapeutics, Medical microbiology, Nanotechnology and system biology: Current scenario and emerging trends	Green Synthesis and Characterization Of gold Nanoparticles Using Aqueous Whole Plant Extract of <i>Alternanthera tenella colla</i> and Its Biological Activities	PG and Research department of Biochemistry, Biotechnology, Microbiology and Bioinformatics, Mohammed Sathak College of arts and science	18 & 19 th Sep 2014
28	National Seminar	Algal taxonomy and applications	In Vitro Cytotoxic Activity of Aqueous Extract of <i>Chlorococcum humicola</i> And Ethylacetate Extract of <i>Desmococcus olivaceus</i> on Hep2 Cells of Human Lung Cancer	Krishnamurthy institute of algology and SDNB Vaishnav College for Women, Chrompet	28th Nov 2015
29	National Conference	Recent advances in biological and chemical sciences	Evaluation of Phytonutrients And Thin layer Chromatography Profiling of Sequential Extracts of <i>Andrographis echiodides</i> Nees	Department of Biochemistry and Chemistry , Annai Violet College of arts and Science,Chennai	4 & 5 th Feb 2016
30	National Conference	Recent advances in biological and chemical sciences	Invitro Anti oxidant, Anti Inflammatory and Anticoagulant Activities of the Whole Plant Extracts of <i>Vernonia cinerea</i> Linn	Department of Biochemistry and Chemistry , Annai Violet College of arts and science, Chennai	4 & 5 th Feb 2016

31	International conference	Advances in Algal Biotechnology	Green Synthesis and Characterization of Silver Nanoparticles using aqueous extract of Microalgae <i>Desmococcus olivaceus</i> and its Biological activities	School of biosciences and technology, VIT University, Vellore	10-12 th Aug 2016
32	National Conference	Environmental protection and sustainability	In vitro antioxidant and free radical scavenging activities of aerial parts of <i>Imperata cylindrica</i>	Research department of Zoology, Sir Theagaraya College, Chennai	31 Dec 2016 & 1st Jan 2017
33	National Conference	Environmental protection and sustainability	Molecular docking studies on Bioactive compounds of <i>Marsilea quadrifolia</i> :An insight in to BRCA1-BRCT domain inhibitors	Research Department of Zoology, Sir Thyagaraya College, Chennai	31 Dec 2016 & 1st Jan 2017
34	National Conference	Nutraceuticals in Disease Management	Studies on phytonutrients and phytochemical analysis of <i>Imperata cylindrica</i>	PG & Research Department of Biochemistry, Vels University, Pallavaram, Chennai	2 & 3rd Feb 2017
35	National Conference	Nutraceuticals in Disease Management	Evaluation of anticoagulant, anti inflammatory and antibacterial potentials of leaf extracts of <i>Andrographis echinoides</i>	PG & Research department of Biochemistry, Vels University, Pallavaram Chennai	2 & 3rd Feb 2017
36	International Conference	Biotechnology and biological sciences BIOSPECTRUM 2017	Green synthesis and characterization of silver nanoparticles using aqueous extract of micro algae <i>Desmococcus olivaceus</i> and its biological activity'	University of Engineering and Management, Kolkata, West Bengal	25-26 th August 2017
37	International Conference	Biotechnology and biological sciences BIOSPECTRUM 2017	Synthesis of silver nanoparticles of aqueous extract of <i>Allium fistulosum</i> and its efficiency against bacterial contaminants from industrial waste water and its photocatalytic potential	University of Engineering and Management, Kolkata, West Bengal	25-26 th August 2017

38	International Conference	Biotechnology and biological sciences BIOSPECTRUM 2017	“Cytotoxicity and apoptosis of human colon carcinoma cell (HT29 cells) treated with methanolic extract of <i>Chlorococcum humicola</i> ”	University of Engineering and Management, Kolkata, West Bengal	25-26 th August 2017
39	International Conference	Molecular signature – GenNxt”	Cytotoxic activity of ethanolic extracts of <i>Imperata cylindrica</i> (L) on HepG2 cells of human hepatocellular carcinoma cell line’	Department of Microbiology, Biochemistry and Bioinformatics & Clinical Trial Management.	13th & 14 th September 2017
40	International Conference	Molecular signature – GenNxt”	“Ecofriendly synthesis and characterization of copper nanoparticles of aqueous extracts of <i>Marsilea minuta</i> Linn and its biological activities’	Department of Microbiology, Biochemistry and Bioinformatics & Clinical Trial Management	13th & 14 th September 2017
41	International Conference	Molecular signature – GenNxt”	Invitro anticoagulant, anti-inflammatory and antibacterial activity of various extracts of <i>Imperata cylindrica</i> (L)	Department of Microbiology, Biochemistry and Bioinformatics & Clinical Trial Management	13th & 14 th September 2017
42	National Seminar	Herbal drug Development	Green synthesis and characterization of silver nanoparticles from aqueous extract of <i>Imperata cylindrica</i> and their invitro antioxidant potential”	PG & Research department of Biochemistry, Sengamala Thayaar Educational trust Womens college, Mannargudi, Thiruvarur dist	22 nd September 2017
43	International Conference	Novel antibiotic resistance breakers and diagnostic markers (ICARB) 2017	“Ecofriendly synthesis and characterization of silver nanoparticles using aqueous extracts of <i>Portulaca quadrifida</i> L. and its biological activities”	School of life sciences, crescent Institute of science and technology, vandalur, Chennai	22 nd & 23 rd December 2017
44	National Conference	“Molecular basis of non communicable diseases and therapeutic applications	Invitro cytotoxic activity of ethylacetate extract of <i>Azolla pinnata</i> (L) on A549 cells of human lung carcinoma cell line”	Dept of Biochemistry, Vels University, Chennai	15 & 16th February 2018

45	National Conference	“Molecular basis of non communicable diseases and therapeutic applications	“Invitro antioxidant, free radical scavenging, anti inflammatory and anti arthritic activity of <i>Portulaca quadrifida</i> (L)	Dept of Biochemistry, Vels University, Chennai	15 & 16th February 2018
46	International Conference	Nutraceuticals-concepts and applications(ICN CAD)	Evaluation of invitro antioxidant and free radical scavenging potential of aquatic fern <i>Azolla pinnata</i>	Dept of Medical Biochemistry, Taramani, University of Madras, Chennai	16 & 17th February 2018
47	International Conference	Nutraceuticals-concepts and applications(ICN CAD)	“Invitro antifungal activity and molecular docking study of bioactive compounds of <i>Imperata cylindrica</i> as inhibitors of Nmyristoyltransferase	Dept of Medical Biochemistry, Taramani, University of Madras, Chennai	16 & 17th February 2018
48	International conference	Recent trends in Bio nanotechnology, energy and environment(ICB EE)-	Ecofriendly, green synthesis and characterization of silver nanoparticles using aqueous extracts of <i>Imperata cylindrica</i>	School of Life sciences, BS Abdur Rahman Crescent Institute of Science and technology, Chennai	Feb 18 & 19 th 2020
49	National Conference	“Bioresources in human wellness,	“Biological synthesis and characterization of gold nanoparticles using <i>Azolla pinnata</i> and its antioxidant, antibacterial and antiproliferative activity against MCF cell line	Dept of Biochemistry, Vels University, Chennai	26 & 27th February 2019
50	International conference	Horizon2019;The epitome of Biomedical research	“Biological synthesis and characterization of gold nanoparticles using <i>Azolla pinnata</i> and its antioxidant, antibacterial and antiproliferative activity against MCF cell line	Savitha Dental College, Chennai.	Feb 28th & 1st Mar 2019
51	International Conference	International conference on Recent trends in life style Disease management (RTLDM)-2020	“Green Synthesis And Characterization Of Silver Nanoparticles of <i>Azolla pinnata</i> and Its antioxidant, antibacterial and anti diabetic activities”	School of Life sciences, Vels University, Chennai	5&6 th March 2020
52	International Conference	Biotechnology and biological sciences	“Study of biological synthesized silver nanoparticles of Aqueous	University of Engineering and Management,	19-21 st Nov 2020

		BIOSPECTRUM 2020	extract of <i>Imperata cylindrica</i> against bacterial contaminants from domestic waste water'	Kolkata, West Bengal	
53	International Conference	Naturopathy, Nanotechnology, Nutraceuticals and Immunotherapy in Cancer Research	Invitro antioxidant, antibacterial and antidiabetic activities of aqueous and hydroalcoholic extracts of <i>Azolla pinnata</i> against bacterial contaminants from domestic waste water''	School of Life Sciences & Association of Cancer Education and Research (ACER) B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai, India	11 & 12th June 2021
54.	International Conference	Indo USA International Conference on Applications of Nanotechnology in Biology, Biotechnology and Biopharmaceutics (ICNB3)	“Biogenic Synthesis of Silver Nanoparticles Using <i>Azadirachta indica</i> and <i>Ocimum tenuiflorum</i> for enhanced Antibacterial Activity and Use as Microbicidal Tissue Paper”	School of Life Sciences & Association of Cancer Education and Research (ACER) B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai, India	11 & 12th August 2022

15 Details of visit as a RESOURCE PERSON:				
Sunol	Type (Guest Lectures, Workshops, Conferences Or Seminars/ Ph.D, Viva-voce Examination)	Title	Institution Name	Date
1	State Level Workshop-Resource person	Bioinformatics	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	2010
2	National Conference-Chairperson	Impact of Biotechnology in Health care and Industry	VelTech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai	21.12.2011
3	Guest Lecture	Importance of Nucleic acids for continuity of life	School of Biosciences and technology. Vellore Institute of Technology, Vellore	16.06.2021

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
1	Impact of Biotechnology in health care and industry	Evaluation of Lymphocytes markers in Type II Diabetes and arthritis – A Case control study	ISBN 9788190-770-26239-42/ Vel tech High tech Dr Rangarajan and Dr Sakunthala Engineering College, Chennai	2011
2	International conference on emerging trends & challenges in science and technology	Synthesis of silver nanoparticles at different temperature using leaf extracts of <i>Bauhinia tomentosa</i>	ISBN 978-93-81430-95-8. Bhaktavatsalam Memorial college for women Chennai	March/ 2013
3	National Seminar on Recent advances in Biotechnology and applied Microbiology	Effect of pH in the synthesis of Silver Nanoparticles using aqueous whole plant extract of <i>Vernonia cinerea L.</i>	P.No,47-54 / ISBN 978-81-928100-3-4. Kanchi Shri Krishna College of arts and science	March 2014
4	National Seminar on Recent advances in Biotechnology and applied Microbiology	Evaluation of Phytonutrient, Phytochemical and Thin layer chromatography profiling of Sequential extracts of <i>Alternanthera tenella colla</i>	P.No.67-74 / ISBN 978-81-928100-3-4. Kanchi Shri Krishna College of arts and science	March 2014
5	Advances in Plant and Microbial Biotechnology	Synthesis of Silver Nanoparticle of aqueous extract of <i>Allium fistulosum</i> and its efficiency against bacterial contaminants from industrial waste water and its photocatalytic potential	Springer Nature Singapore, Pte Ltd 2019. DOI: 10.1007/978-981-13-6321-4_16/ 121-127 & SBN 978-981-13-6320-7 ISBN 978-981-13-6321-4 2019	2019
6	Biotechnology & Biological sciences	Green synthesis and characterization of silver nanoparticles using aqueous extract of microalga	CRC Press/Taylor & Francis group, Balkema Schipholweg 107C, 2316XC Leiden, The Netherlands	2019

		<i>Desmococcus olivaceus</i> and its biological activities .2019	https://doi.org/10.1201/9781003001614/337-341/ ISBN: 978-0-367-43161-7 (Hbk)ISBN: 978-1-003-00161-4 (eBook)	
7	Biotechnological applications in human health”.	Cytotoxicity and Apoptosis of Human Colon Carcinoma cell Line (HT 29 cells), Treated with Methanolic Extract of <i>Chlorococcum humicola</i> ”.	International publisher for Science, Biotechnology and Medicine- Springer publications DOI: 10.1007/978-981-15-3453-9/39-44 ISBN 978-981-15-3452-2	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

18 Details on RESEARCH GUIDANCE:					
S.No	Type (FT/PT)	Name of the candidate	Title of the Dissertation	University	Status
1	MPhil/FT	Vicky M	Fabrication of silver nanoparticle/polyvinyl alcohol hybrid nanofibre of <i>Imperata cylindrica</i> and its antimicrobial and catalytic activity	DDGD Vaishnav College/Madras University	Completed
2	MPhil/FT	Thenmozhi A	Anticarcinogenic effect of ethanol extract of <i>Imperata cylindrica</i> Linn against HepG2, Hepatocellular carcinoma cell line- Invitro and <i>Insilico</i> studies	DDGD Vaishnav College/Madras University	Completed
3	MPhil/PT	LNR Rashmi Mai	Biochemical studies on Liver enzymes in Rheumatoid Arthritis,	CDE,Bharathidasan University, Thiruchira palli	Completed
4	MPhil/PT	AS Sarayu	Comparative biochemical studies on serum and salivary enzymes in Type-II Diabetes	CDE,Bharathidasan University, Thiruchirapalli	Completed

5	MPhil/ PT	K Divya	Analysis of mineral elements in serum and saliva of Type II Diabetes mellitus	CDE,Bharathidasan University, Thiruchirapalli	Completed
6	MPhil/ PT	C Porkodi	Biochemical alterations during Stress(Working women),	CDE,Bharathidasan University, Thiruchirapalli	Completed
7	MPhil/ PT	R Priya	Biochemical studies on Obese Type II Diabetic and Obese non Diabetic subjects	CDE,Bharathidasan University, Thiruchirapalli	Completed
8	MPhil/ PT	P Geetha	Biochemical evaluation on Antioxidant status in different age related groups	CDE,Bharathidasan University, Thiruchirapalli	Completed
9	MPhil/ PT	Shailaja S	Studies on age related biochemical changes during ageing	CDE,Bharathidasan University, Thiruchirapalli	Completed
10	MPhil/ PT	Meenakshi Sundari	Biochemical evaluation of salivary lipid peroxidation product and antioxidant status in oral cancer	CDE,Bharathidasan University, Thiruchirapalli	Completed
11	MPhil/ PT	B Pushpa latha	Biochemical studies on oxidative stress in pre, post menopausal women,	CDE,Bharathidasan University, Thiruchirapalli	Completed
12	MPhil/ PT	TD Sujatha	Biochemical studies on micro albuminuria in prediabetic and hypertensive type II diabetes mellitus	CDE,Bharathidasan University, Thiruchirapalli	Completed
13	MPhil/ PT	M Magesh Mugunthan	Evaluation of mineral status in prostate cancer subjects before and after treatment(Orchidectomy),	CDE,Bharathidasan University, Thiruchirapalli	Completed

9 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	National	Journal of Algal Biomass Utilization	Preliminary phycochemical analysis and invitro antibacterial screening of green micro algae of <i>Desmococcus olivaceous</i> , <i>Chlorococcum humicola</i> and <i>Chlorella vulgaris</i>	V.Sivasubramanian and S. Niranjali Devaraj	2(3) ,74-81	2011	-
2	National	Journal of Algal Biomass Utilization	Evaluation of in vitro antioxidant activities and anitproliferative activity of green micro algae of <i>Desmococcus olivaceous</i> and <i>Chlorococcum humicola</i>	V.Sivasubramanian and S. Niranjali Devaraj	2(3) ,74-81	2011	-
3	International	International Journal of Applied Biology	Analysis of phytonutrients and antimicrobial activity of microalgae, <i>Chlorococcum humicola</i>	V.Sivasubramanian & S. Niranjali Devaraj	Special issue 45-48	2013	-
4	International	International Journal of Applied Biology	Synthesis of silver nanoparticles at different temperature using stem and leaf extracts of <i>Imperata cylindrica</i>	P.Vaidegi, P.T.Srinivasan, D.Mukundan & R .Vasanthakumari	Special issue 12-15	2013	-
5	International	International Journal of Pharmaceutical Research and Development	Determination of Bioactive components of green microalgae, <i>Chlorococcum humicola</i> using GC-MS	V.Sivasubramanian & S. Niranjali Devaraj	4(12)	2013	2.01

6	National	Journal of Biochemical Sciences	Biochemical alterations during stress in working women.	Geetha Balasubramanian and C.Porkodi	2014 1(1)	2014	-
7	International	International Research Journal of Medical Sciences	In vitro cyto toxicity of Marsilea Quadrifolia Linn of MCF- 7 cells of Human breast cancer	B Pravin	1(1) 1-6	2014	-
8	International	International Journal of Institutional pharmacy and Lifesciences	Evaluation of invitro anticoagulant activity of leaf extracts of <i>Murraya koenigii</i> (Linn) and <i>Bauhinia tomentosa</i>	R.UMA, P.T.Srinivasan, A.Arivoli, M. Vicky	4(6), 121-126	2014	-
9	International	Materials today : Proceedings	Green Synthesis and characterization of silver nanoparticles using aqueous whole plant extract of <i>Vernonia cinerea</i> L. and its biological activities.International conference on Nanoscience and engineering applications	D.Mukundan, Ajish Sreekumar, Vicky Mani	2(2015)-4600-4608	2015	1.46
10	International	Indian Journal of Pharmaceutical sciences and research	Growth rate, pigment composition and biochemical analysis of green microalgae <i>D.olivaceus</i> and <i>C.humicola</i> in fertilizer based outdoor cultivation.	V.Sivasubramanian & S. Niranjali Devaraj	5(1),19-22	2015	2.4
11	International	World journal of Pharmacy and Pharmaceutical sciences	Invitro cytotoxic activity of aqueous extract of <i>Chlorococcum humicola</i> and ethylacetate extract of <i>Desmococcus olivaceus</i> on Hep2 cells of human lung cancer.	V.Sivasubramanian & S. Niranjali Devaraj	5(6).1374-1380	2016	6.6

12	International	International journal of Current Research	Evaluation of Phytochemical, phyto nutrient and thin layer chromatography profiling of sequential extracts of Vernonia cinerea	Vicky Mani.	8(5), 31615-31618	2016	
13	International	International journal of chemistry and pharmaceutical sciences	Evaluation of antioxidant, membrane stabilizing and anticoagulant activities of the whole plant extracts of Vernonia cinerea Linn.	M.Vicky, K. Sa ngeetha	4(7), 357-361	2016	
14	International	Der Pharmacia Lettre	Evaluation of phytonutrients and thin layer chromatography profiling of sequential extracts of Andrographis ecioides Nees	Prisy Antony	8(14), 31-37	2016	0.14
15	International	International Journal of pharma and Biosciences	Green synthesis and characterization of silver nanoparticles using aqueous extract of Marsilea minuta linn and evaluation of its antioxidant and antibacterial activities	Logaprakash Kulothungan	9(1), 73-78	2018	
16	International	Journal of Environmental Engineering and Landscape Management	Study of biological synthesized silver nano particles of aqueous extract of Imperata cylindrica against bacterial contaminants from domestic waste water	Vicky Mani	Vol 29 Issue 4, 484-488	2021	1.02

20 Details of AWARDS received:			
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year
1	University III Rank in MSc Biochemistry	University of Madras	1997
2	Young Algologist	CAS Botany, University of Madras	February/2012
3	Best paper Entitled Characterization Of Oral Microbial Flora In Controlled And Poorly Controlled Type-II Diabetes Mellitus(Guidance)	International Seminar, Dept.of Biochemistry, Justice Bhasheer Ahmed Sayeed College, Teynampet, Chennai	February/2012
4	Best Poster Award	Vellore Institute of Technology, Vellore	August/2016
5	Honorary Fellowship of the society of Life Sciences	Society of Life sciences	November/2016
6	Best Paper entitled “Synthesis of silver nanoparticle of aqueous extract of <i>Allium fistulosum</i> and its efficiency against bacterial contaminants from industrial waste water and its photocatalytic potential”	International Conference Biospectrum2017- UEM,University of Engineering Management, Kolkatta	August/2017
7	Best Paper award entitled “Cytotoxicity and apoptosis of human colon carcinoma cell(HT 29 cells) treated with methanolic extract of <i>Chlorococcum humicola</i> ”	International Conference Biospectrum2017- UEM,University of Engineering Management, Kolkatta	August/2017
8	Best Paper Award entitled “Ecofriendly synthesis and characterization of silver nanoparticles using aqueous extracts of <i>Portulaca quadrifida L.</i> and its biological activities”(Guidance)	International Conference ICARB, School of life sciences Crescent Institute of science and technology, Vandalur ,Chennai	December/2017
9	I Place in oral presentation entitled “Invitro cytotoxic activity of ethyl acetate extract of <i>Azolla pinnata (L)</i> on A549 cells of human lung carcinoma cell line” (Guidance)	National conference, Vels University, Chennai	February/2018
10	II Place in oral presentation entitled “Evaluation of invitro antioxidant and free radical scavenging potential of aquatic fern <i>Azolla pinnata</i> ” (Guidance)	International Conference- Dept of Medical Biochemistry, Taramani, University of Madras, Chennai	February/2018

11	II Place in Oral presentation entitled “Invitro antifungal activity and molecular docking study of bioactive compounds of <i>Imperata cylindrica</i> as inhibitors of N -Myristoyl transferase” (Guidance)	International Conference- Dept of Medical Biochemistry, Taramani, University of Madras, Chennai	February/ 2018
12	I Place in Oral presentation entitled “Biological synthesis and characterization of Gold nano particles using <i>Azolla pinnata</i> and its Antioxidant, Antibacterial & Antiproliferative activity against MCF7 cell line”(Guidance)	National conference- VISTAS, Chennai	February 2019
13	“Best Paper Award Entitled “ Biological synthesis and characterization of Gold nano particles using <i>Azolla pinnata</i> and its Antioxidant, Antibacterial & Antiproliferative activity against MCF7 cell line”(Guidance)	International conference- Saveetha Dental college, Chennai	March 2019
14	Best Presenter Award entitled “Comparative study of biological synthesized silver nanoparticles of aqueous extract of <i>Imperata cylindrica</i> on its efficiency against bacterial contaminants isolated from domestic waste water”	International Conference- Biospectrum2020- UEM, University of Engineering Management Kolkatta	November/ 2020

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	Indian Science Congress Association(ISCA)	Life Member	-	2013
2	Indian Academy of Environmental Sciences(IAES)	Life Member	-	2017
3	Asian Journal of Pharmaceutics	Reviewer	E-1998-409X	2020
4	Tamil Nadu State Council for Higher education(TANSCHE)- Syllabus Revamping - SIBOS	Subject expert- UG Biochemistry-	-	2022

22 POSITIONS HELD in this institution:			
S.No.	Institution/Department Level	Position	Duration
1.	Department –Biochemistry-Board of studies	Member	1998- till date
2	Department –Biochemistry Certificate course in Computational Biology for Life science students	Course coordinator	2011-2013
2	Department- Biochemistry-Exam committee	Coordinator	2020- till date
3	Department-Biochemistry -Value added course	Coordinator	2021- till date
4	Department-Biochemistry- Skill programme	Coordinator	2021- till date
5	Dwaraka Doss Goverdhan Doss Vaishnav College	Head Incharge - Biotechnology	Jan 2019- Oct 2020
6	Dwaraka Doss Goverdhan Doss Vaishnav College	NAAC Core team Member	2019- 2020
7	Dwaraka Doss Goverdhan Doss Vaishnav College-	IVMC Member	2019- 2020
8	Dwaraka Doss Goverdhan Doss Vaishnav College	NAAC Criterion 1 Member	2020-2022
9	Dwaraka Doss Goverdhan Doss Vaishnav College	Syllabus Review Committee	2020-2021
10	Dwaraka Doss Goverdhan Doss Vaishnav College	IVMC-Co Convenor	2021-2022
11	Dwaraka Doss Goverdhan Doss Vaishnav College	Academic Council- Internal member	2022-23
12	Dwaraka Doss Goverdhan Doss Vaishnav College	Curriculum Design and Development Cell- Member	2022-23
13	Dwaraka Doss Goverdhan Doss Vaishnav College	UGC- Coordination Cell- Member	2022-23