

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

1	Name	Dr. G. K. SARAVANAN
2	Designation	ASSISTANT PROFESSOR
3	Department	BIOTECHNOLOGY
4	Employee Id	EC04015
5	Date of Birth	29.04.1986
6	Gender	MALE
7	Date of Appointment in this institution	19.06.2023
8	Experience in this institution	TWO MONTHS
9	Official Mail Id	g.k.saravanan@dgvaishnavcollege.edu.in
10	Blood Group	O +VE

11	EDUCATION DETAILS (from highest qualification):				
S.No.	Degree	Institution	University	Year of study	Grade/Class
1	Ph. D	Presidency College (Autonomous), Chennai	University of Madras	2013-2018	Highly Recommended
2	M. Phil	Presidency College (Autonomous), Chennai	University of Madras	2011-2012	First class with Distinction
3	B. Ed	Arutperunjothi Ramalingasamy college of education	Pondicherry University	2009-2010	First Class
4	M. Sc	Pachaiyappa's college, Chennai	University of Madras	2007-2009	First class

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	Date
1.	State	Faculty Development program on Avenues of Biotechnology	Department of Biotechnology, College of Science and	7 Days	03.07.2023 to 09.07.2023

			Humanities, SRM institute of Science and Technology, Ramapuram Campus, Chennai - 89		
2.	State	Faculty Induction Programme	The Faculty Development Cell in association with Internal Quality Assurance Cell. DG. Vaishnav College, Chennai – 600 106.	5 Days	14.06.2023 to 18.06.2023
3.	International	Seminar on Insights into Modern Therapeutic Approaches to Combat Human Diseases	PG & Research Department of Biosciences, Mohamed Sathak College of Arts and Science, Chennai.	1 Day	07.03.2023
4.	International	Conference onConverging Microbiological Innovation for Application in Animal, Plant, Environment and Health Care (Iccmia - 2023	Dept. of Animal Science and Indian Association of Applied Microbiologists (IAAM), ManonmaniamSundara nar University, Tirunelveli.	2 Days	27.001.2023 to 28.01.2023
5.	National	Seminar on Emergence and resurgence of Covid 19 from Biological Science perspectives	PG & Research Dept. of Biochemistry and ISCA (Chennai Chapter) Mohamed Sathak College of Arts and Science, Chennai.	1 Day	19.03.2023
6.	National	Faculty development programme on Investor Education	IQAC, Mohamed Sathak College of Arts and Science, Chennai.	1 Day	06.09.2022
7.	National	Faculty development programme on Artificial Intelligence, Machine learning and Deep learning	Dept of Computer Science & IQAC, Mohamed Sathak College of Arts and Science, Chennai.	3 Day	10.08.2022 to 12.08.2022
8.	National	Faculty Development Programme on Intellectual Property rights	Entrepreneurship & Career Hub, University of Madras, Chennai	2 Day	28.03.2022 to 29.03. 2022
9.	Workshop	Indo – US workshop on Emerging and Re- Emerging of Infectious Viral Disease: Need of the Hour	Sathyabama Institute of science and technology, Chennai.	1 Day	27.02.2020
10.	National	Conference on Novel	Dept. of Biotechnology		

		Biotechnological approach to the Society 2020	& Research, SNMV College of arts and Science, Malumichampatti, Coimbatore.	2 Days	23.01.2020 to 24.01.2020
11.	International	China International Talents Cooperation fair	Taizhou, China.	3 Days	08.11.2019 to 10.11.2019
12.	National	Conference on Impact of Biotechnology in Improving Human Health	Department of Biotechnology, SRM arts and Science College, Kattankulathur, Kancheepuram – 603 203.	1 Day	27.09.2019
13.	Workshop	Mushroom Cultivation and Bio fertilizer Production	PG & Research Dept. of Microbiology, Mohamed Sathak college of arts and Science, Chennai – 600 119.	1 Day	28.08.2019
14.	Workshop	Artificial Intelligence in Bioinformatics & Drug Discovery	Wisecorner laboratories Pvt. Ltd in collaboration with PG & Research Department of Biotechnology, Mohamed Sathak college of arts and Science, Chennai – 600 119.	1 Day	14.08.2019
15.	National	Science day celebration on Some Perception on Science	Tamil Nadu Science Forum at Mohamed Sathak College of arts and Science, Chennai.	1 Day	01.03.2019
16.	Workshop	Rehabilitation and Ecological benefits of Mangrove plantation – Muttukadu backwater	PG & Research Dept. of Biotechnology, Mohamed Sathak College of arts and Science, Chennai.	3 Days	04.02.2019 to 06.02.2019
17.	State	Faculty development programme on Quality Assurance and Sustenance in Higher Education	Internal Quality Assurance Cell at Mohamed Sathak College of arts and Science, Chennai.	1 Day	30.01.2019
18.	National	Conference on Modern Biological sciences symbio 2019	Dept. of Biotechnology, SNMV College of arts and Science, Malumichampatti, Coimbatore	2 Days	28.01.2019 to 29.01.2019
19.	International	Conference on	B. S. Abdur Rahman		

		Emerging areas of Biotechnology for Human Welfare and Bio-Enterprenership (ICEBHE 2018)	Crescent institute of Science and Technology, Vandalur, Chennai.	2 Days	11.09.2018 to 12.09.2018
20.	National	Conference on Integrated biotechnological tools and its applications	SRM institute of Science and Technology, Kattankulathur, Kanchipuram.	2 Days	01.03.2018 to 02.03.2018
21.	National	Workshop on Research investigations in laboratory Small Animals and Ethical Practices	Department of Biotechnology, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur - 602 117.	3 Days	14.12.2017 to 16.12.2017
22.	National	Workshop on Molecular Bioinformatics and recent trends on Molecular Modeling and Simulation	University of Madras and DBT-Bioinformatics Infrastructure Facility, Government of India.	1 Day	09.10.2017
23.	National	Conference on Biotechnological advances towards sustainable Agriculture And Environment	Department of Biotechnology, Hindustan College of Arts and Science, Kelambakkam, Chennai – 603 103.	1 Day	24.08.2017
24.	National	Conference on Recent Trends in Biotechnology	Dept. of Biotechnology, Chemical Science Auditorium, Guindy Campus, University of Madras, Chennai – 25.	2 Days	23.03.2017 to 24.03.2017
25.	National	Conference on Algal Biology and Biotechnology	Dept. of Biotechnology, A. C. Tech, Guindy Campus, University of Madras, Chennai – 25.	3 Days	24.11.2016 to 26.11.2016
26.	Seminar	Special lecture	Department of Zoology, University of Madras, Guindy Campus, Chennai sponsored by Education New Zealand, C/o New Zealand	1 Day	29.08.2016
27.	International	Conference on Innovation in sustainable water and waste water treatment system (Iswats)	Department of Science and Technology, Govt. of India, YASHDA, Pune (M.S), India.	3 Days	21.04.2016 to 13.04.2016

28.	National	Training Programme on Biodiesel from Marine Algae	CAS in Marine Biology, Annamalai University, Parangipettai, Chidambaram.	1 Day	18.02.2016
29.	International	symposium on Medicinal plants and Herbal drugs in human and livestock wealth a Global Prospective	Department of Botany, Pachaiyappa's College, Chennai – 600 030.	3 Day	29.01.2016 to 31.01. 2016
30.	National	Seminar on Algal Taxonomy and Applications	SDNB Vaishnav College for Women, Chrompet, Chennai – 600044.	2 Days	27.11.2015 to 28.11.2015
31.	International	Conference on 7 th Symposium on Microalgae and Seaweed products in Plant/Soil -System contribution to sustainable agriculture	Dept. of Plant Science, Faculty of Agricultural & Food Science, SzechenyiIstvan University, Mosonmagyaróvár– Hungary	2 Days	29.06.2015 to 30.06.2015
32.	International	Conference on Straubs Day	Biological Research centre, Szeged, Hungary.	2 Day	03.06.2015 to 04.06.2015
33.	National	Workshop on Molecular Phylogeny	Dept. of Genetic Engineering, association with Indian association for Angiosperm Taxonomy held at SRM University, Chennai.	2 Day	18.07.2014 to 19.07.2014
34.	National	Workshop on the Procedure and guidelines for applying to the Fulbright and other fellowships	United States – India Educational Foundation, Park Sheraton Hotel, Chennai.	1 Day	17.04.2014
35.	National	Seminar on Recent Trends in Applied Research	University of Madras	2 Day	21.09.2013 to 22.09.2013
36.	State	workshop on Animal Cell culture technique	Department of Biotechnology, D.G.Vaishnav College, Chennai.	2 Days	19.09.2013 to 20.09.2013
37.	National	Conference on Energy, Environment & Climate change	Department of Chemistry, Presidency College (Autonomous), Chennai.	2 Days	18.07.2013 to 19.07.2013
38.	National	DBT sponsored Short Term Training Course on Application of	Department of Plant Biology & Plant Biotechnology, Loyola	21 Days	10.07.2013 to 30.07.2013

		Biotechnology Tools in Crop Improvement	College (Autonomous), Chennai.		
39.	State	Seminar on Nanotechnological treatment of dyeing unit effluents	Dept. of Physics, Chikkanna Govt. Arts College, Thirupur	2 Days	07.03. 2013 to 08.03.2013
40.	State	Short Term Course on Research Methodology, techniques of writing research articles for Sci Journals and Ph.D thesis preparation	Dept. of Geology, Anna University, Chennai - 600 025.	2 Days	06.03.2013 to 07.03.2013
41.	State	Seminar cum workshop on Applied Plant Genomics	PG & Research Dept. of Plant Biology & Plant Biotechnology,	1 Day	13.07.2012
42.	International	Conference on Algal Summit Algae for sustainable development	Algal Summit Algae and Indian Phycological Society, TERI University, Delhi.	2 Days	21.02.2012 to 22.02.2012
43.	State	work shop on Microscopy and Photomicrography	PG Research Dept. of Microbiology, D.G.Vaishnav College, Chennai	1 Day	27.09.2011

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	Integrated Biotechnological tools and concepts (IBTC)	Study on Osmotic responses of <i>Dunaliella</i> sp. Under different stress condition, Tamil Nadu, India	Department of Biotechnology, SRM Institute of Science and Technology, Katankulathur	01.03. 2018 to 02.03.2018
2.	National	Aquatic Biotechnology	Studies on Phytochemical and Biological activities on ethyl acetate extract of <i>Ulva intestinalis</i> (Linn)”	Department of Biotechnology, Alpha arts and Science College, Porur, Chennai.	12.04.2022
3.	National	Aquatic Biotechnology	Physical and Chemical method of standardization of biomass production and Astaxanthin extraction from <i>Haematococcuspluvialis</i>	Department of Biotechnology, Alpha arts and Science College, Porur, Chennai	12.04.2022
4.	International	Straubs Day	Effect of	Biological	04.07.2015

			phosphatidylglycerol depletion on the photosynthetic and NADPH dependent electron transports of Synechococcus sp. PCC7942	Research Centre, Szeged, Hungary	
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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	Workshop	Biomedical applications in translational research	Alagappa University, Karaikudi	07.07. 2019.
2	Guest Lecture	Algal Biotechnology	Mohamed Sathak college of arts and Science, Chennai	16.05.2019
3	Guest Lecture	Recent Trends in Biotechnology	B. S. Abdur Rahman Cresent institute of Science and Technology, Vandalur, Chennai.	12.09.2018

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	Life Science and Business Opportunity	Coral reefs: A major concern for environment issues	Darshan Publisher	Jan 2021

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

		candidate			
-	-	-	-	-	-

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	Beni-Suef University Journal of Basic and Applied Sciences	In vivo studies on evaluation of endophytic fungi extract from <i>Trichoderma</i> against cervical cancer	Sheeba Harikrishnan, Syed Ali Mohamed Yacoob, Anuradha Venkattraman, Yogananth Nagarajan and Saravanan Govidasamy Kuppasamy	12:19. 2-16; https://doi.org/10.1186/s43088-023-00348-x	Feb 2023	3.07
2	National	Journal of Advanced Scientific Research	Antiviral effect of L- Fructose from <i>Padinagymnospora</i> against various strains of Dengue virus	R. Swaminathan., M. Syed Ali., V. Anuradha, N. Yogananth and Saravanan. G. K.	13(04), 111-117. (ISSN: 0976-9595). https://doi.org/10.55218/JASR.202213419	May 2022	
3	International	Biomass Conversion and Biorefinery	Alcoholic concentrate of microalgal biomass modulates cytotoxicity, apoptosis, and gene expression studied in hepatocellular carcinoma	V. Anuradha, M. Moovendhan, C. Kumar, R. Saranya, A. Ashashalini, P. Sangeetha, M. Syed Ali, P. Bhuvana, N. Yogananth & Saravanan. G. K.	https://doi.org/10.1007/s13399-022-02786-6	May 2022	4.05
4	National	Journal of Emerging Technologies and Innovative Research	Investigation on Phytochemical and Biological analysis of Acetonic extracts of <i>Phyllanthus amarus</i> (Linn)	Infant Santhosh, B., Sathish Kumar, S., Solai Pandian, R., Vadivelu, N., Saravanan, G. K. , Banupriya, R	JETIR 6: 3: 39-48. ISSN: 2349-5162	March 2019	
5	International	Journal of Bioremediation & Biodegradation	Production of Omega 3 Fatty Acids and Phycoremediation of	Arjun A, Saravanan G. K. , Banupriya R and Elumalai, S.	9(5): 1-5. ISSN: 2155-6199. DOI:	Sep 2018	2.14

			Dairy Industrial Effluents from Ambattur Region, Tamil Nadu, India.		10.4172/2155-6199.1000453		
6	National	Journal of Emerging Technologies and Innovative Research	Biodiversity of Microalgae and Cyanobacteria from Salt Pans of Tuticorin and Marakannam, Tamil Nadu, India.	Vishnu M Raja, G. K. Saravanan and S. Elumalai	Volume 6, Issue 1, 395-399. ISSN: 2349-5162	Jan 2019	
7	National	Journal of Emerging Technologies and Innovative Research.	Carbon dioxide capture and sequestration (CCS) by selected microalgal species isolated from three thermal power stations in India	Jegan, G., Saravanan, G. K. , R. Banupriya and S. Elumalai	5(10):270-276. ISSN: 2349-5162	Oct 2018	
8	International	Journal of Plant Physiology	Phosphatidylglycerol is implicated in division and metabolic processes of cyanobacteria	Tímea O. Kóboria, Tatsuya Uzumaki, Mihály Kis, László Kovács, Ildikó Domonkos, Shigeru Itoh, Vendula Krynicky, Saravanan G. Kuppusamy , Tomas Zakara, Jason Dean, László Szilák, Josef Komenda, Zoltán Gombos, Bettina Ughy.	223: 96-104. PMID 29558689 DOI: 10.1016/j.jplph.2018.02.008	April 2018	4.3
9	National	International Journal of Recent Scientific Research	Studies on omega 3 fatty acids production from selected micro and macroalgae	Karthik, K., Saravanan, G. K. and S. Elumalai.	8(2), pp. 15487-15493.	Feb 2017	
10	National	International Journal of Pharma and Bio Sciences	The role of microalgae in textile dye industrial waste Water recycle (phycoremediation)	S. Elumalai and G. K. Saravanan	7(4): (B) 662 – 673, DOI: 10.22376/ijpbs.2016.7.4.b662-673	Oct 2016	0.888

20	Details of AWARDS received:		
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year
-	-	-	-

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
-	-	-	-	-

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