

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

1	Name	Dr. A.Sivaranjini
2	Designation	Assistant Professor
3	Department	Biotechnology
4	Employee Id	EC04008
5	Date of Birth	25.12.1982
6	Gender	Female
7	Date of Appointment in this institution	17.06.2019
8	Experience in this institution	3 Years 6 Months
9	Official Mail Id	sivaranjinia@dgvaishnavcollege.edu.in
10	Blood Group	'O' Positive

11	EDUCATION DETAILS (from highest qualification):				
S.No.	Degree	Institution	University	Year of study	Grade/Class
1.	Ph.D	Kongunadu Arts and Science College, Coimbatore	Bharathiar University	2018	
2.	M.Phil	Vinayaka Mission University	Vinayaka Mission University	2007	61
3.	M.Sc	Shri Nehru Maha Vidhyalaya College of Arts and Science, Coimbatore	Bharathiar University	2007	78.5
4.	B.Sc	Sri Adi Chunchanagiri Women's College, Cumbum	Madurai Kamaraj University	2005	79
5.	HSC	St. Joseph's Girls Higher Secondary School, Dindigul.	State Board	2000	88.5
6.	SSLC	St. Joseph's Girls Higher Secondary School, Dindigul.	State Board	1998	92.6

12	Details of ORIENTATION/REFRESHER COURSES attended:			
S.No.	Orientation/Refresher	University/Institution	Duration	Date (from-to)
1.	Orientation Program	Association of Indian Biologists	4 weeks	15-5-2020 to 4-06-2020
2.	Orientation Program	Centre for Faculty Development (CFT) of AIB	4 weeks	1.6.2021 to 28.6.2021
3.	Short Term Course	IIT, Madras (SWAYAM, NPTEL)	2 months.	20.8.2021-11.10.2021

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	Conservation and Utilization of medicinal plants - Conference	SFRC College	1Day	20-12-2010
2.	Regional	Applications of statistical tools using spss- hands on experience- Workshop	Kongunadu arts and Science College	1 Day	17-02-2016
3.	National	Genomics and Proteomics-Workshop	Alagappa University	3 Days	14-02-2017 to 16-2-2017
4.	Inter National	Converging Biotechnological Innovations for Health, Food and Environmental Welfare	Karunya University	2 Days	17-12-2015 to 18-5-2015
5.	National	Emerging Trends in Nanoscience- Seminar	Kongunadu arts and Science College	1 Day	3-03-2015
6.	National	Emerging Trends in Biological sciences- Workshop	Dr.N.G.P Arts and Science College,	1 Day	8-10-2014
7.	National	Biodiversity and Bioremediation- Workshop	Karpagam University	1 Day	22-09-2016
8.	National	Indian Science Congress Association- Conference	ISCA, Mysuru University	7 Days	5-01-2016 to 11-01-2016
9.	Regional	Tissue culture and mushroom cultivation- Workshop	SFRC College	1 Day	14-09-2010
10.	Regional	Stem cells and its applications- Seminar	SFRC College	1 Day	4-08-2010
11.	National	Progress and challenges in life	PSG College of	1 Day	11-10-

		sciences- Workshop	Arts and Science		2016
12.	National	Some recent trends in physics- Workshop	Kumaraguru College of Technology	2 Days	8-09-2016 to 10-9-2016
13.	National	“Water resources, development and sustainable management- (Presented Paper)- titled 'Biofilm in water distribution system' - Seminar	Bharathiar University	1 Day	10-03-2015 to
14.	National	New approaches and concepts in microbial biotechnology- (Presented Paper)- titled 'Identification of biofilm producing bacteria in clinical care settings- Conference	Maharani's Science College for Women, Bengaluru	2 Days	12-09-2015 to 13-9-2015
15.	Inter National	Public health emergency and disaster management- Symposium	Hindusthan College of Arts and Science	1 Day	15-11-2015
16.	National	Interpretation of Spectral Data and Identification of Phytoconstituents- Workshop	Karpagam University	1 Day	22-01-2015
17.	Regional	Microbial biofilms- Conference	SASTRA University	2 Days	22-01-2016 to 23-01-2016
18.	Inter National	Science and technology for national development- (Presented paper)- titled Assesment of biofilm producing bacteria and its virulence effect- Conference	ISCA Cochin Chapter at KUFOS	3 Days	15-10-2016 to 18-10-2016
19.	Inter National	Research Methodology - Workshop	REST Society for Research International (RSRI)	3 Days	12-4-2020-14-4-2020
20.	National	Teacher to educational leader - Seminar	CPSC	1 Day	23-04-2020
21.	Regional	Fundamentals of IPR- Seminar	DDGDVC – ED cell	1 Day	29-4-2020
22.	Regional	Non invasive prenatal screening for fetal aneuploids and inborn errors of metabolism – Seminar	Hindustan CAS	1 Day	4-05-2020
23.	Regional	Recent advanced techniques in	Hindustan CAS	1 Day	5-05-

		Molecular Biology - Seminar			2020
24.	Regional	Gamification tools in teaching-Seminar	St. Xavier's College for Women	1 Day	7-05-2020
25.	National	Nutrigenomics	Xcellogen Biotech	1 Day	9-05-2020
26.	Regional	Faculty development programme on Higher education Post covid random thoughts – FDP	Asan memorial college of arts and Science	1 Day	11-05-2020
27.	Regional	Global Perspectives in Biotechnology – Seminar	P.S.R. Engineering college		15-05-2020
28.	Regional	Practical Bioinformatics on a wet lab set – Seminar	Sathyabama University in association with Indian association of Applied Microbiology (IAAM) & Georgetown University, Washington DC, USA	6 Days	11-05-2020 to 16-05-2020
29.	Regional	Web series programme on COVID-19 virus- Seminar	Natural Science Foundation	1 Day	17-05-2020
30.	Regional	Guidelines for management of health and hygiene - Seminar	SRM Arts & Science college	1 Day	18-05-2020
31.	Regional	Environmental Forensics-Seminar	Bharathidasan University	1 Day	19-05-2020
32.	National	Bioinformatics As Cartographic Tool In Drug Discovery- Seminar	Alagappa University	8 Days	19-05-2020 to 26-5-2020
33.	National	Moodle LMS- Seminar	Justice Basheer Ahmed Sayeed College and Spoken	6 Days	26-05-2020 to 31-05-2020

			Tutorial- IIT Bombay		
34.	National	Biomaterials on healthcare applications- Workshop	Karunya University	3 Days	28-05-2020 to 30-05-2022
35.	International	Stem Education & Knowledge integration	Alagappa University	1 Day	15.6.2020
36.	International	Cancer Drug Discovery- Translating Concept to the Clinic”	MMES Women’s Arts and Science College	1 Day	18.6.2020
37.	International	Advancements in nanotechnology - Conference	AGAR and AIB	1 Day	1-11-2020
38.	International	Advancements in nanotechnology - Conference	AGAR and AIB	1 Day	1-11-2020
39.	International	Genome editing to enhance multiple disease resistance in crop plants- Conference	Plantgenomia	1 Day	20.12.2020
40.	International	Recent Advancements in Bioinformatics- Conference	VISTAS	1 Day	30-12-2020
41.	International	Advances in Biotechnology- Gene technology- Conference	DDGDVC	2 Days	17.2.2021- 18.2.2021
42.	International	Strengthening your understanding on research Journals- (Reading, Refreshing & Publishing)- Conference	K.J.Somaiya College of Science and Commerce & Elsevier	1 Day	10-07-2021
43.	National	Starch Based Nanomaterials for Biomedical application: Recent Advances and future Perspectives- Conference	Saveetha Dental College and Hospital	1 Day	3.8.2021
44.	International	Recent Trends in Science, Technology, Engineering and Mathematics (STEM)- FDP	REVA University	5 Days	16.8.2021 to 19.8.2021 and 23.8.2021
45.	International	Cell & Gene Therapy Symposium	Centre for Stem Cell Research, Christian Medical College	3 Days	1.9.2021- 3.9.2021
46.	International	International E-Conference on Novel Biotechnological approach to sustain in Pandemic scenario- Conference	SNMV college of arts and science	3 Days	15.09.2021 - 17.09.2021

47.	International	Recent advances in Life sciences- Focus on Academia & Industry Symbiosis - FDP	Nizam College, Osmania University City College & Loyala College, Hyderabad	6 Days	13.9.2021-18.9.2021
48.	International	Future prospects of biological sciences & Biotechnology - Conference	Sri Sakthi Institute of Engineering & Technology	2 Days	23.9.2021-24.9.2021
49.	International	Copy Right, Patent filling and Journal Indexing- FDP	Rest Society for research International (RSRI), Krishnagiri, Tamilnadu.	5 Days	7.3.2022-11.3.2022
50.	International	Infectious Diseases and Advances in Microbial Technology Conference	Saveetha Dental College and Hospital	2 Days	5.8.2022 to 6.8.2022
51.	National	E-waste and Solid Waste Management - Seminar	SRM College of Science and Humanities	1 Day	25.11.2022

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.	International	Advancements in nanotechnology	Phytochemical and antioxidant analysis of medicinal plants and its antibacterial effect on bacterial pathogens- Presented	AGAR and AIB	1.11.2021
2.	International	Novel Biotechnological approach to sustain in Pandemic scenario	Mechanism of bioactive compounds from <i>Sesbania grandiflora</i> Against C-di-GMP - phosphodiesterase of <i>Pseudomonas aeruginosa</i> - Presented	SNMV college of arts and science	15.09.2021 - 17.09.2021
3.	International	Future prospects of	Inhibition of Bacterial Biofilm	Sri Sakthi Institute of	23.9.2021

		biological sciences & Biotechnology	using Nanoparticles	Engineering & Technology	
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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.	Guest Lecture for Virtual webinar on Down Syndrome Day	Down Syndrome	Sri Ramakrishna College of arts and Science	22.03.2021

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.	Text Book of Aquaculture & Farm Management	Editor	Association of Indian Biologists & Association of Academician & Researchers	October, 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

18	Details on RESEARCH GUIDANCE:				
S.No	Type	Name of	Title of the	University	Status

	(FT/PT)	the candidate	Dissertation		

19 Details of papers published in JOURNALS:							
S.No	Journal Type (National/Int ernational)	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 Publicati on	Impact Factor/SCI/Sc opus (if any)
1.	National	Kong. Res. J	Distributi on of haemol ytic Thiobacill i in sewage samples	Johny, M Ramapri ya, S. Venu gopal, M R. Subashk umar	2 (1) 121-124	2015	
2.	International	Internatio nal Journal of Research in Medical and Basic Sciences	Virulence characteri stics and biofilm productio n in clinical and environm ental isolates.	R. Subashk umar	3:1-8 2455- 2569	2017	
3.	International	Internatio nal Journal of Bioscienc es and Nanoscie nces.	Decolouri zation of Congo red using Photoindu ced Green synthesiz ed Copper Oxide Nanoparti	Vaidehi. D, V. Bhuvane shwari, R. Pavithra Sheetal	4: 143-14	2017	

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4.	International	Journal of Polymer Materials	Novel Chitosan Nanoparticles as Drug Carriers in Cancer Therapy (Review),	Vaidehi. D, V. Bhuvaneswari, R. Amsaveni, M. Kalaiselvi	194- 204	2017	
5.	National	<i>Anvesak</i>	Isolation and screening of the efficacy of plant growth promoting bacteria (pgpr) on the growth of groundnut plants	Karthika , A. Sandhyasree, I. Nirmala, C.B.	51, pp-196-202	2021	
6.	International	International Journal of Mechanical Engineering	Characterization of Extracellular Polymeric Substances (EPS) produced by <i>Pseudomonas aeruginosa</i> .	Subashkumar R	7: 504-510	2022	SCOPUS
7.	National	Journal of Maharaja Sayagirao University of Baroda.	Gold Nanoparticles and their applications in tumor diagnosis and treatment.	V. Jeyanthi Kumari A Akila K S Vinayaka S Aruna	17:1995-2007 ISSN No. 1533-9211	2022	

20	Details of AWARDS received:		
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year
1.	Adarsh Vidya Saraswathi Rastriya Puraskar	Glacier Journal Research Foundation , Global Management Council	March, 2021
2.	Global Teacher Award	AKS Education Awards	October, 2021

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.	Agency	Life-Member in Association of Indian Biologists (AIB).	-	2020
2.	Glacier Journal of Scientific Research	Nominated member of Editorial Board	-	2021
3.	Indian Science Congress Association (ISCA)	Life-Member	-	2021

22	POSITIONS HELD in this institution:		
S.No.	Institution/Department Level	Position	Duration
1.	Department	Exam Committee Member	June,2019- April,2020
2.	Department	Alumni Team Member	June,2019- April,2020
3.	Department	Admission Team Member	June,2019- August,2020
4.	Department	Exam Committee Member	November, 2020- till date
5.	Department	Instrument Team Member	November 2020- till date
6.	Department	Syllabus Revision Team Member	July 2022- till date
7.	Institution	NAAC Criterion 7 Team Member	September 2020- till date
8.	Institution	IIC Team member	October 2022- till date
9.	Institution	Discipline Committee Member	July 2022- till date