



Name: **Dr.G. Sangeetha Vani**
Qualification: **M.Sc., M.Sc., (Bioinformatics), M.Phil., Ph.D.,**
Designation: Assistant Professor
Teaching Experience: UG&PG 14 years
Previous Experience: UG&PG 2 years
Area of Specialization: Mycology and Parasitology, Genetics and Virology
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MEMBERSHIP

S.No.	Details	State/National/International
1.	Life Member-Indian Association of Medical and Pharmaceutical Virologists	National
2.	Life Member-Indian Science Congress Association	National
3.	Life Member-Indian Association of Applied Microbiologists	National

PROJECTS

S.No.	Title	Duration	Funding Agency	Amount Sanctioned (in Lakhs)
1.	Screening of immune status against Rubella virus in premarital women	(2015-2016)	Ethiraj College Trust	Rs.10,000/-
2.	Investigation of chemotherapeutic potential of L-Asparaginase isolated from soil dwelling microorganisms	(2018 - 2019)	Ethiraj College Trust	Rs.15,000/-
3.	Optimization, Molecular Characterization and anticancer activity of L-Asparaginase from soil bacterial isolates	(2019 - 2021)	Ethiraj College Trust	Rs.15,000/-

RESEARCH GUIDANCE

M.Sc., Projects Guided	20 Students
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WORKSHOPS

S.No	Organized by	State/National /International	Topic	Date(s)	Member/Participated
1.	Ethiraj College for Women, Chennai	State	Workshop on Tips and Tricks to clear the Net	28 th FEB 2015	Attended
2.	Presidency College Chennai	National	Application of Bioinformatics in the control of Infectious Diseases by <i>in silico</i> and <i>in vitro</i> Approach	27 th JAN-1 st FEB 2016	Attended
3.	Ethiraj College for Women, Chennai	State	Academics and Research	1 st FEB 2017	Attended
4.	Dr Ambedkar Government Arts College	State	State level animal cell culture Workshop	15 & 16 th FEB 2017	Attended
5.	Ethiraj College for Women, Chennai	International	Operons and Vaccines	4 th DEC 2017	Member
6.	Ethiraj College for Women, Chennai	State	Microbiological techniques for school students	31 st AUG 2018	Member
7.	Presidency College, Chennai	National	National level training cum Workshop -Protein Bioinformatics	22 nd & 23 rd JAN 2019	Attended
8.	Ethiraj College for Women Chennai and Presidency College, Chennai	State	Recent Advances in Biological Research Data Analysis	1,2 and 4 th FEB 2019	Member
9.	Ethiraj College for Women Chennai and Presidency College, Chennai	State	Workshop on “Yoga and Naturopathy for Life Style Disorders”	4 th Oct 2019	Organiser
10	Ethiraj College for Women	State	State level Workshop on NAAC Regulation: Holistic Approach	12 th Oct 2019	Attended
11	Ethiraj College for Women	State	Workshop on Intellectual property rights and their implications	22 nd Jan 2020	Member
12	Ethiraj College for Women	State	National Workshop on Learning Management and open Educational resources: A Student – Centric Approach	25 th Jan 2020	Attended
13	Sathyabama Institute of Science and	State	Workshop on Cell lines	7 th Feb 2020	Attended

	Technology				
14	Rajaram College, Kolhapur	National	National workshop on Google apps for Education and Moodle	2 nd and 3 rd July 2020	Attended
15	Universal Teachers Academy (Cuddalore and Madurai), Puducherry, India.	National	Five days free online workshop for Teachers	16 th -20 th June 2020	Attended
16	Universal Teachers Academy (Cuddalore and Madurai), Puducherry, India.	National	Five days free online workshop for Teachers	16th July-20 th July 2020	Attended
17	Universal Teachers Academy (Cuddalore and Madurai), Puducherry, India.	International	Creation of Educational GIFs	6 th September 2020	Attended
18	Universal Teachers Academy (Cuddalore and Madurai), Puducherry, India.	National	Creating Interactive E content	3 and 4 th May 2021	Attended
19	Institute of Gems and Jewellery, Kerala	Training Workshop	Tricks and Trades in Writing Research papers	27 th May 2021	Attended
20	Universal Teachers Academy (Cuddalore and Madurai), Puducherry, India.	International	Creating Interactive E-Resources and Gamification	17-21 st May 2021	Attended
21	Universal Teachers Academy (Cuddalore and Madurai), Puducherry, India.	State	Creating interactive E - assessment tools	14-18 th June 2021	Attended
22	Primax Eduacademy, Bengaluru, Karnataka.	State	One day Online Workshop on Critical and Independent thinking	19 th June 2021	Attended
23	Ayya Nadar Janaki Ammal College, Sivakasi.	State	DBT sponsored popular lecture series in Biotechnology	22 and 23 rd Dec 2021	Attended
24	Aaditya College of Engineering, Surampalem.	State	Two days Online Workshop Write Research Article using Latex	27 and 28 th Dec 2021	Attended
25	Sathyabama Institute of Science and Technology	National	E Workshop on Innovative techniques in SPSS and Data Analysis	3 rd to 7 th Jan 2022	Attended

CONFERENCES/SYMPOSIUM-ATTENDED/PRESENTED PAPER

S.No	Organized by	State/National/ International	Participated/ Presented/M ember	Topic	Date(s)
1.	Centre for Advanced Studies in Botany and Centre for Herbal Sciences	International Conference	Presented a poster titled Effect of <i>Terminalia chebula</i>	International Conference on Medicinal Plants and Herbal Drugs for Human Welfare (ICMP 2015)	28-30 th JAN 2015
2.	Ethiraj College for Women, Chennai	National Symposium	Attended	Potential for Excellence to Excellence in higher Education	18& 19 th JULY 2016
3.	Modern Diagnostic tools in Health Science	International Conference	Attended	Dr.MGR Janaki College of Arts and Science for Women	22& 23 rd AUG 2016
4.	Dr.MGR Janaki College of Arts and Science for Women	International Conference	Presented a Paper	Molecular Signature – GenNxt	13 & 14 th SEP 2017
5.	Ethiraj College for Women, Chennai	National conference	Member	Trends and Innovations in Biological Sciences	14 th & 15 th FEB 2018
6.	Presidency College, Chennai	International Conference	Attended	International conference on computer simulation in Natural sciences	4-6 APR 2018
7.	JSS Academy of Higher Education and Research, Mysore	National Conference	Presented a paper	16 th National conference of IAAM on Human Microbiome in Personal Medicine-Bridging Humans & Microbes for future Sustainability	27 th & 28 th SEP 2018
8.	Dept of Biosciences, Fac ulty of Science and Directorate of Admissions, Man ipal University, Jaipu r	Online Conference	Attended	International Online Conference “Covid 19 Biotechnology-A way forward	30 th April 2020

SEMINARS

S.No.	Organized by	State/National/ International	Topic	Date(s)
1.	Ethiraj College for Women, Chennai	National	Career prospects in life sciences	31 st Jan 2017
2.	Ethiraj College for Women, Chennai	State	Women Today	8 th Oct 2018
2.	Ethiraj College for Women	National	Health 2020-An Alternative Perspective	7 th Jan 2020
3.	WHO	Health emergencies Program	Health Emergencies Program Infection, Prevention and Control(IPC) for Novel Corona virus (COVID-19)	17 th April 2020
4.	SRMIST Ramapuram	State	Entrepreneurship -Ideas and guidelines	27 th March 2021
5.	Vidya Pratishthan's Arts,Science and Commerce College and National Institute of Immunology	National	Online Science Setu Lecture	18 th Jan 2022

CERTIFICATE COURSES/VALUE ADDED COURSES

S.No.	Offered by	Topic	Duration
1.	AICTE Approved FDP course	Refresher Course on Teacher and Teaching in Higher Education. School of Education,	16 Weeks
2.	AICTE Approved FDP course	Annual refresher programme in teaching on Assessment of Practical and Social skills in Higher Education	12 Weeks
3.	NPTEL - AICTE Approved FDP course	Enhancing soft skills and Personality	8 Weeks
4.	NPTEL	Human Behaviour	8 Weeks

5.	NPTEL - AICTE Approved FDP course	Stress Management	4 Weeks
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JOURNAL PUBLICATIONS

S.No	JOURNAL NAME	UGC/SCI/SCIE/WOS	ISBN/ISSN NUMBER	REFERENCE	DATE OF PUBLICATION NO
1.	Int.J.Curr, Microbiol.App. Sci		ISSN 2319-7706, 683-691pp.		4(12) 2015
2.	Int. J of Pharmacological Research		ISSN 2277-3312.		Vol 6, Issue 6, 2016
3.	Int.J.Curr, Microbiol.App. Sci		ISSN 2319-7706,.		5(5) 2016, 400-406pp
4.	Research Journal of Pharmacy and Technology	Scopus Indexed	ISSN 0934-3618.		Vol 13. Issue 2 2020

FDP/STTP

S.No.	Organized by	State/National/International	Topic	Date(s)
1	Ethiraj College for Women, Chennai	State	Faculty Development Workshop on "Research, Innovation and Creativity"	14 th Sep 2019
5.	St. Joseph's College of Engineering	State	Short term Training Program on Prospects and Challenges in Biofuels and Bioenergy	11-11-2019 to 16-11-2019
6.	Teaching learning centre, Ramanujam College, University of Delhi sponsored by Ministry of HRD PMMMN on teachers teaching	National	FDP on "Managing online Classes and Creating MOOCs"	April 20- May 6 2020
7.	Sathyabama Institute of Science and	International	Zoom Webinar Series "Novel Microbes and	20 th April to 2 nd May

	Technology		Newer Threats” in association with IAAM and California Institute of Science and Medicine, USA	2020
8.	Sathyabama Institute of Science and Technology in association with Indian Association of Applied Microbiologists (IAAM) California University of Science and Medicine, USA.	International	A Webinar series on “Practical Bioinformatics on a Wet-Lab Set-Up”	11 th to 16 th May 2020
9.	Dept of HRM in association with Live life Education, Bhakthavatsalam Memorial College for Women, Korattur, Chennai-80	State	Live webinar on “Psychological impact of Covid-19 Outbreak”	15 th May 2020
10.	VISTAS, Vels school of Education	State	Virtual FDP on Educational strategies for Universal Learners	22-24 th June 2020
11.	Swami Ramanand Teerth Marathwada University, Nanded	National	Pedagogical Training	1 st -6 th July 2020
12.	IQAC, Ethiraj College for Women, Chennai	State	FDP on Recasting from Onsite to Online pedagogy	20 th July to 24 th July 2020
13.	PPG College of Arts and Science	National	Nurturing the next generation educators	12-18 th June 2021
14.	Sakthi College of Arts and Science for Women, Dindigul, Tamil Nadu	National	One week FDP Program on Teaching, Learning and Practices	12 – 17 th July 2021
15.	Rajeev Gandhi College of Management studies, Maharashtra	National	FDP on Publishing in Open Access Journals	8 th Jan 2022

WEBINAR (STATE/NATIONAL/INTERNATIONAL)

S.No.	Organized by	State/National/International	Topic	Date(s)
1.	Atal Incubation	Online Webinar and	Online webinar on “How	14 th April 2020

	Centre,Pondicherry Engineering College Foundation, Puducherry	online exam - National	to conduct online class to students” and online examination	
2.	IQAC and School of Commerce.Shri shankarlal Sundarbai Shasun Jain College for Women,Chennai	State	Webinar on “Impact of Covid on economy and Management of finances during this period”	4 th May 2020
3.	Centre for Ocean Research,Col.Dr.Jeppiar Research Park in association with Earth Science and technology Cell Institute of Science and Technology(ESTC),Ministry of Earth Sciences	State	Webinar series on “Biotechnological and Nanotechnological Application for Marine Bioresources of Augmentation.	May 4 th to 9 th 2020
4.	Dept of Biochemistry,Ethiraj College for Women,Chennai	State	Webinar on “Medicinal Plants-The Potential Therapeutic sources for Human Diseases”	9 th May 2020
5.	Dept of Science and Humanities,Karpagam Institute of Technology,Coimbatore.	State	Webinar on “Virtual learning resources in Science and Teaching”	12 th May 2020
6.	Dept of Microbiology,Ethiraj College for Women,Chennai	State	Webinar series on Exploring and Understanding World Pandemics	11-13 th May 2020
7.	Dept of Biotechnology, Nehru Arts and Science College,Coimbatore.	National	Webinar on “Basics of Research Methodology and Interdisciplinary Research in Biomedicine”	12 th and 13 th May 2020
8.	Dept of Computer Science in association with one yes Technologies,Ethiraj College for Women,Chennai	National	National level Webinar on “Usage of ICT Tools- Why?How?”	14 th May
9.	PG and Research Dept of Commerce, Ethiraj College for Women,Chennai	State	Webinar on H-index,Impact factor and Google Scholar	16 th May 2020
10.	Dept of Microbiology,Ethiraj College for Women,Chennai	State	Recent trends in Biotechnology and its Opportunities	16 th May 2020
11.	Dept of Nutrition,FSM and Dietetics,Ethiraj College for Women,Chennai	State	Webinar on “Eat smart: Lock down and Beyond”	18 th May 2020
12.	Dept of Accounting and Finance and Shas Skill	State	Webinar on “Adapting to Virtual Class room	18 th May 2020

	Development Academy, Bhakthavatsalam Memorial College for Women, Korattur, Chennai-80		learning”	
13.	Dept of Microbiology, Ethiraj College for Women, Chennai	State	Biology Degrees and Careers at a Glance-one day webinar for Higher Secondary Students	23 rd May 2020
14.	Dept of Microbiology, Ethiraj College for Women, Chennai	State	Alternative Therapy – A way of Living- 5 day webinar Series	25 th May 2020 to 29 th May 2020
15.	Dept of Plant Biology and Plant Biotechnology, Ethiraj College for Women, Chennai.	State	Combating Ailments by Siddha Medicine, Acupuncture and Varmam	5 th June 2020
16.	Darwin Science Club, VIPNET(Vigyan Prasar) Dept of Science and Technology, New Delhi.	National	Live interaction on Genetically modified organism-An Introduction	7 th June 2020
17.	TNSCST AND DST, New Delhi	National	Pandemic Past, Present and future with special reference to Covid 19.	9 th June 2020
18.	ECRIC, Ethiraj College for Women, Chennai	State	Citation database and Analysis, Scientometric study	9 th June 2020
19.	Badruka College of Commerce and Arts, Hyderabad	State	Role of IQAC in Higher Educational Institutions	12 th June 2020
20.	KJ Somaiya College of Science and Commerce, Mumbai	National	Webinar on Boost research Navigation through Rax	13 th June 2020
21.	Department of Computer Science, Gobi Arts and Science College, Erode	State	Webinar on Open Source Video Conferencing Tool	22 nd June 2020
22.	Dept of Microbiology, Ethiraj College for Women, Chennai	State	Webinar series on “Capacity Building for Life Science Students”	22 nd and 23 rd June 2020
23.	Induukaka Ipcowala Institute of Management, Faculty of Management Studies, Charusat	National	Webinar on Science, Technology and Development	23 rd June 2020
24.	Govt Arts College, Karur	State	Webinar on Life Sciences	22-24 th June 2020
25.	Hindusthan College of Arts and Science, Coimbatore	International Webinar	International Online Webinar on Current Scenario of Work Management and ICT	9 th -15 th July 2020

			Tools for Teaching and Learning Process	
26.	Dept of Zoology, Govt Arts College, Kumbakonam	State Webinar	Webinar on “Microbes- Impacts and Recent Approaches”	11 th July 2020
27.	Anjuman-I-Islam’s M.H. Saboo Siddik Polytechnic, Byculla, Mumbai, Maharashtra, India	National Webinar	National Webinar on “Effective and efficient writing of research papers for Web of science, Scopus indexed journal and Conference papers using typeset research studio”	21 st July 2020
28.	Bharathidasan University, Trichy	National Webinar	Two day National webinar on Techno- Pedagogy for in-service Teachers	27 th July and 28 th July 2020
29.	The Department of Microbiology along with Project Manav - The Human Atlas Initiative	State	Webinar on “How to Read Scientific Literature?”	19 th December 2020
30.	Mahatma Jyoti Phoolle University and Sawai Madhopur College of Engineering and technology, Sawai Madhopur	International Webinar	New Education Policy – 2020	13 th June 2021
31.	Manav- Human Atlas Initiative, IISER, Pune	National Webinar	How to read Scientific Literature?	14 th July 2021
32.	Marian Research forum, St. Mary’s College (Autonomous), Thoothukodi.	International webinar	“Systematic Research Methodology”-A transformative for Scientific Research	22 nd July 2021

AWARDS

- Certificate of Award for Ph.D thesis from University of Madras- Madanagopalan Memorial Prize and Cash Prize of Rs.3000/- in the Year 2019
- Received a Gold Medal for College First in Undergraduate Level in 2002
- University Third Rank in Tamil in Undergraduate level in 2002
- Received Topper Badge and Elite with Gold in Stress Management - NPTEL Course in the year 2021

- State Coordinator (2020-2021) – Microbiologists Society, India
- Started Ethiraj Student Unit(MSI) on 10th Jan 2022
- Subject Expert (2020-2021) – Presidency College, Chennai.
- External Examiner in both Theory and Practicals in Various Colleges.

OTHERS

- Successfully completed the course on Telehealth Technology, Anna University and Apollo Telemedicine Networking Foundation,2005

WORK EXPERIENCE:

- 1) Worked as Quality Control(Microbiologist) in Adyar Ananda Bhavan (2004 -2005)
- 2) Worked as Lecturer in Dr.MGR Janaki college of Arts and Science for Women (2005 – 2007)
- 3) Working as Assistant Professor in Microbiology Department, Ethiraj College for Women from 2007 till date.

I hereby declare that all the above furnished information is true to the best of my knowledge

Place: Chennai

Date:

(Dr.G.Sangeetha Vani)