



Name: **Dr.G. Sangeetha Vani**

Qualification: **M.Sc., M.Sc., (Bioinformatics), M.Phil., Ph.D.,**

Designation: Assistant Professor

Teaching Experience: UG&PG 15 years

Previous Experience: UG&PG 2 years

Area of Specialization: Mycology and Parasitology, Genetics and Virology

Email ID: sangeethavani_g@ethirajcollege.edu.in

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
4.	Life Member – Microbiologists Society,India	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	24 Students
------------------------	-------------

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	16 th 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	Kalinga Institute of Social Sciences	National	Workshop on Research Methodology and Hands on Learning	2-6 th August 2021	Attended
24	Ayya Nadar Janaki Ammal College, Sivakasi.	State	DBT sponsored popular lecture series in Biotechnology	22 and 23 rd Dec 2021	Attended
25	Aaditya College of Engineering, Surampalem.	State	Two days Online Workshop Write Research Article using Latex	27 and 28 th Dec 2021	Attended

26	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
27	Indian Institute of management and Commerce,Hyderabad	National	Workshop on Research Ethics and Identifying Predatory and Cloned Journals in Publications	25.11.2022	Attended

CONFERENCES/SYMPOSIUM-ATTENDED/PRESENTED PAPER

S.No	Organized by	State/National/International	Participated/ Presented/Member	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, Faculty of Science and Directorate of Admissions, Manipal University, Jaipur	Online Conference	Attended	International Online Conference "Covid 19 Biotechnology-A way forward	30 th April 2020
9.	Ethiraj College for Women, Chennai in association with MSI, India.	National Conference	Organizer	Natural Resource Management for Sustainable Future	26 th and 27 th April 2022
10.	Ethiraj College for Women, Chennai in association with MBSI, India.	National Conference	Treasurer	Integrative Approach for Conservation of life Systems	5 th and 6 th 2022

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 SetuLecture	18 th Jan 2022

6.	Shri Kumaraswami Mahavidyalaya,Ausa,Dist. Latur	National	Effective Presentation Skills	20 th Jan 2022
7.	Shri Kumaraswami Mahavidyalaya,Ausa,Dist. Latur	National	Artificial Intelligence	31 st Jan 2022
8.	Shri Kumaraswami Mahavidyalaya,Ausa,Dist. Latur	National	Problem Solving Skills	7 th Feb 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 FDPcourse	Enhancing soft skills and Personality	8 Weeks
4.	NPTEL	Human Behaviour	8 Weeks
5.	NPTEL – AICTE Approved FDPcourse	Stress Management	4 Weeks

JOURNAL PUBLICATIONS

S.No	JOURNAL NAME	UGC/SCI/SCIE/WOS	ISBN/ISSN NUMBER	REFERENCE	DATE OF PUBLICATION NO
1.	Ind J of App Microbiology				(2006)6(1):26-28.
2.	Int.J.Curr, Microbiol.App. Sci		ISSN 2319-7706, 683-691pp.		4(12) 2015
3.	Int. J of Pharmacological Research		ISSN 2277-3312.		Vol 6, Issue 6,2016
4.	Int.J.Curr, Microbiol.App. Sci		ISSN 2319-7706,		5(5) 2016,400-406pp
5.	Research Journal of Pharmacy and Technology	Scopus Indexed	ISSN 0934-3618.		Vol 13, Issue 2 2020
6.	IP International Journal of Medical Microbiology and Tropical Diseases		Online ISSN: 2581-4761		Vol 8, Issue 4 2022
7.	Eco. Env. & Cons.	UGC CARE	ISSN 0971-765X		2023; pp. (S239-S242)

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
2.	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

3.	Teaching learning centre, Ramanujam College, University of Delhi sponsored by Ministry of HRD PMMMMNM on teachers teaching	National	FDP on “Managing online Classes and Creating MOOCs”	April 20- May 6 2020
4.	Sathyabama Institute of Science and Technology	International	Zoom Webinar Series “Novel Microbes and Newer Threats” in association with IAAM and California Institute of Science and Medicine, USA	20 th April to 2 nd May 2020
5.	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
6.	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
7.	VISTAS, Vels school of Education	State	Virtual FDP on Educational strategies for Universal Learners	22-24 th June 2020
8.	Swami Ramanand Teerth Marathwada University, Nanded	National	Pedagogical Training	1 st -6 th July 2020
9.	IQAC, Ethiraj College for Women, Chennai	State	FDP on Recasting from Onsite to Online pedagogy	20 th July to 24 th July 2020
10.	PPG College of Arts and Science	National	Nurturing the next generation educators	12-18 th June 2021
11.	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
12.	Bioinformatics institute at National Centre for Aquatic Human Health, Kochin University of Science and Technology, Kerala	State	online training program Computational Biology and Bioinformatics	14 days (Jan 2022)

	sponsored by the department of Biotechnology, Govt of India			
13.	Rajeev Gandhi College of Management studies, Maharashtra	National	FDP on Publishing in Open Access Journals	8 th Jan 2022
14.	Department of English, Indian Institute of Management and Commerce, IQAC	National	Online FDP on Essentials soft skills for impactful Professional career	11 th Feb 2022
15.	Academic Planning and Review Committee, RGCMS, Ghansoli, Navi Mumbai	National	FDP on Innovative Teaching Methods	12 th Feb 2022
16.	Department of MBA, Sree Vidya Nikethan Institute of Management, Tirupathi.	International	Five Day International FDP on Yoga and Meditation for Excellence	Feb 14 and 18 th 2022
17.	IIMT College of Management in collaboration with Indian Economic Association	International	One week Online FDP on “Emerging and Innovative Approach in Management, IT and Communication in Teaching and Research	9 th June and 15 th June 2022
18.	SNDT Women’s University, Mumbai, Department of Educational Technology.	National	National FDP on “Interactive ICT-Integrated Learning in light of NEP 2020” November 21-26, 2022 (One week Online Full time)	November 21-26, 2022
19.	Intellectual Property Office, India	National	IP Awareness / Training Programme on National Intellectual Property Awareness Mission	November 16, 2022
20.	Indian Institute of management and Commerce, Hyderabad 500004	State	Research Ethics and Identifying Predatory and Cloned Journals in Publications	November 25, 2022

WEBINAR (STATE/NATIONAL/INTERNATIONAL)

S.No.	Organized by	State/National/ International	Topic	Date(s)
-------	--------------	----------------------------------	-------	---------

1.	Atal Incubation Centre,Pondicherry Engineering College Foundation, Puducherry	Online Webinar and Online Exam –National	Online webinar on “How to conduct online class to students” and online examination	14 th April 2020
2.	IQAC and School of Commerce.Shri shankarlal Sundarbhai 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.Jeppia r Research Park in associationwith Earth Science and technology Cell Institute of Science and Technology(ESTC), Ministryof 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 inassociation with one yes Technologies,Ethiraj Collegefor Women,Chennai	National	National level Webinar on “Usage of ICT Tools- Why?How?”	14 th May
9.	PG and Research Dept of Commerce, Ethiraj Collegefor 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 Development Academy, Bhakthavatsalam Memorial College for Women, Korattur, Chennai-80	State	Webinar on “Adapting to Virtual Class room learning”	18 th May 2020
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	Organized Alternative Therapy – Away 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 Phoole 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
33.	Department of Microbiology, Ayya Nadar Janaki Ammal College, Sivakasi.	Popular Lecture Series	DBT sponsored Popular Lecture Series in Biotechnology	22 nd and 23 rd Dec 2021
34.	Vidya Pratisthan's Arts, Science and Commerce College	Online Science Setu Lecture	Online Science Setu Lecture by Dr. Sarika Gupta, Staff Scientist, NII, New Delhi	18 th Jan 2022
35.	Shri Kumaraswami Mahavidyalaya, Ausa, Dist. Latur.	National Webinar	Effective Presentation Skills	20 th Jan 2022
36.	Shri Kumaraswami Mahavidyalaya, Ausa, Dist. Latur.	National Webinar	Artificial Intelligence	31 st Jan 2022
37.	Shri Kumaraswami Mahavidyalaya, Ausa, Dist. Latur.	National Webinar	Problem Solving Skill	7 th Feb 2022
38.	Department of Microbiology St. Plus X College	National Webinar	Emerging trends and Frontiers in Applied Microbiology and Biotechnology	10 th and 11 th March 2022

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 (2021-2022) – Microbiologists Society, India
- Certificate of award for contribution to peer reviewed in the Reviewer Training Award -2021 Journal published by the Innovative publication in the year 2021.
- Subject Expert (2020-2021) – Presidency College, Chennai.
- Started Ethiraj Student Unit (MSI) on 10th Jan 2022
- 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)