FACULTY PROFILE

Name : Dr. Kavitha G C
Designation : Assistant Professor
Department & Faculty : Department of Studies in Biotechnology
Davangere University, Davangere
Qualification : M.Sc., M.Phil., Ph.D., KSET
Date of Joining : 15th July 2019
E-mail ID (Institutional) : kavithagc@davangereuniversity.ac.in
kavitha.gc.biotech@gmail.com
Contact Number : 7259576586



Academic Qualifications

Degree	University	Specialization	Year	Percentage/CGPA
Ph.D.	Tumkur University Under the guidance of Dr. Poornima D	Biotechnology	2023	By Thesis
M.Phil.	Kuvempu University Shankaraghatta Under the guidance of Dr. Riaz Mahmood	Biotechnology	2008	82.5 By Thesis
KSET	Karnataka Examinations Authority (KEA)	Life Sciences	2017	-
PG	Kuvempu University	Biotechnology	2004	73.18
UG	Kuvempu University	Chemistry, Botany and Zoology	2002	63.66

Professional Experience

Sl. No	Designation	Institution / University / Organization	Nature of Appointment (Permanent/ Contract/ Adhoc)	UG/PG/ Research	From (DD/MM/YYYY)	To (DD/MM/YYYY)	Total Experience (Years & Months)	Nature of Work (Teaching / Research / Administration / Industry)
1	Assistant Professor	Davangere University, Davangere	Permanent	PG and Resreach	15th July 2019	Till Date	7 years 2 months	Teaching and Research
2	Assistant Professor	Amrutha ayurveda medical college and Hospital, Chitradurga	Temporary	-	2017	2019	2 years	Teaching
3	Guest Faculty	Government Science College, Chitradurga	Temporary	UG	2014	2019	5 years	Teaching
4	Lecturer	SJM College, Chitradurga	Temporary	UG	2005	2007	2 years	Teaching

Research Profile	
Areas of Research	Medicinal Plant Biotechnology, Pharmaceutical Biotechnology
Keywords	Medicinal Plant Biotechnology
ORCID ID	0000-0002-3552-0749
Scopus ID	58174536300
Web of Science ID	RFA-5044-2026
Vidwan ID	https://vidwan.inflibnet.ac.in//profile/238120
Google Scholar	https://scholar.google.co.in/citations?user=og4GkjMAAAAJ
ResearchGate	https://www.researchgate.net/profile/Kavitha-Gc?ev=hdr_xprf

Research Publications

Sl. No.	Title	Journal	Quartile	Impact Factor	Year	DOI	Scopus/ WoS	Citations
1	In Silico Study of Elaeocarpidine Binding to BDNF Receptor: A Promising Lead for Alzheimer's Disease Treatment	International Journal for Multidisciplinary Research			2025	--	-	-
2	Management principles in agricultural activities- a study with specific reference to paddy crop in southern part of Karnataka	European chemical bulletin			2023	DOI: 10.31838/ecb/2023.12.s3.621	-	-
3	In silico Analysis of Antibacterial Activity of *Eclipta alba* against Brucella *melitensis*: A Bioinformatics Approach	Letters in applied NanoBioScience.			2023	https://doi.org/10.33263/LIANBS124.167	Scopus	

4	Phytochemical investigations and *invitro* antioxidant potentials of *Adenocalymma alliaceum*.	Neuroquantology			2022	DOI: 10.14704/NQ.2022.20.11.NQ66765	-	-
5	Hepatoprotective effect of *Adenocalymma alliaceum* leaves extract against ethanol induced toxicity in HepG2 cell line.	Neuroquantology			2022	doi: 10.14704/nq.2022.20.7.NQ33324	-	-
6	Evaluation of Antimutagenic Potential of *Chrozophora rottleri* against Ems Induced Mutagenicity in Mice.	International Journal of Pharmaceutical Sciences.			2022	doi.org/10.22376/ijpbs.2022.13.1.B	-	2
7	"Eco-friendly synthesis of MnO2 Nanorods using Gmelina arborea fruit extract and its anticancer potency against MCF-7 breast cancer cell line	International Journal of Nanomedicine. Dove press.	Q1	8.7	2022	doi: 10.2147/IJN.S335848	Scopus and WoS	43
8	Computational approach assessing the antibacterial activity of *Acorus calamus* against	Letters in applied NanoBioScience.			2022	doi.org/10.33263/LIANBS124.091	Scopus	

	Helicobacter pylori.							
9	"Insecticidal efficacy of *Adenocalymma alliaceum* extracts against cowpea weevils *callosobruchus maculatus* (F) on stored *Vigna unguiculata* (L.)".	International Journal of Life science and Pharma Research.			2021	doi.org/10.22376/ijpbs/lpr.2021.11.2.L220-226		
10	"Anti-hyperlipidemic effects of citrus fruit peel extracts against high fat diet-induced hyperlipidemia in rats"	International Journal of Research in Pharmaceutical Sciences			2021	doi.org/10.26452/ijrps.v12i3.4837		
11	"The Gag Reflex: A Hurdle in Dentistry"	Journal of Pharmaceutical Research International			2021	DOI: 10.9734/JPRI/2021/v33i46B32937		14
12	"Smoking Carcinogens and Lung Cancer – A Review".	Asian Journal of Pharmaceutical and Clinical Research.	Q4		2021	doi.org/10.22159/ajpcr.2021.v14i1.39811	Scopus	06
13	"Estimation of total Phenolics, Flavonoid and *In Vitro* Antioxidant activity of *Chrozophora rottleri*"	European Journal of Biomedical and Pharmaceutical Science			2017			

Books

Sl. No	Title of the Book / Book Chapter	Authors	Publisher	ISBN	Year of Publication	State/ National / International	Remarks
1	Computational Models and Simulations in Neuroscience. Neuroinformatics Advances and Applications in Neuroscience Research	Shreya Naik, Meghana V Gowda, Shuaib Pasha, Siddesh V Siddalingegowda, Chandan Dharmashekara, Shiva Prasad Kollur, Chandan Shivamallu, Bhargav Shreevatsa, **Kavitha GC**	Eliva Press Global Ltd. part of Eliva Press S.R.L.	ISBN: 978-99993-3-206-4	2025	International	-
2	Biotechnology in Medicine: Advances-I. Fundamentals and Advances in Medical Biotechnology	Santosh Kumar Shimoga Rajanna, Madhuri Adiga, **GC. Kavitha**, Chandrashekar Srinivasa, Santosh Joshi, Vijay Avin Balaji Ragunathrao	M. Anwar et al. (eds.), Springer Nature Switzerland.	ISBN: 978-3-030-98553-0; ISBN (eBook): 978-3-030-98554-7	2022	International	-
3	"Role of Viruses in Nanoparticles Synthesis". Microbial Nanotechnology: Green Synthesis and Applications	Chandrashekar Srinivasa, **Kavitha GC**, Pallavi M, Chandan Shivamallu, P. Sushma, Shiva Prasad Kollur, Mohammed Aiyaz, Arun Kumar Shukla, M. Murali, Mohammad Azam Ansari.	M. A. Ansari, S. Rehman (eds.), Springer Nature		2021	International	-

Sponsored Research					
Funding Agency	**Title**	**Amount**	**Duration**	**Status**	**PI/Co-PI**
VGST	Biotic Elicitors as key players in enhancing Luteolin yield in *Adenocalymma alliaceum*: From Discovery to Application	20 Lakhs	02 Years	Ongoing	PI: Dr. Kavitha GC

Research Guidance						
Sl. No	**Name of the Scholar**	**University**	**Registration (DD/MM/YYYY)**	**Research Area**	**Title of the Thesis**	**Date of Award**
01	Shreya Naik	Davangere University	22/04/2024	Pharmaceutical Biotechnology	Exploring and enhancing the biological activity of the selected medicinal plants using biotic elicitors	-
02	Rajila M P	Davangere University	22/04/2024	Medicinal Plant Biotechnology	Exploiting abiotic inducers to fortify medicinal plants with bioactive molecules	-
03	Yashwanthe NN	Davangere University	30/06/2025	Medicinal Plant Biotechnology	"Integrative omics analysis of elicitor enhanced secondary metabolites and Nanoparticle based pharmacological potential of *Adenocalymma alliaceum* Miers"	-
04	Preethi A	Davangere University	30/06/2025	Recent advances in Biotechnology	" Exploring endophytes of *Moringa oliefera* Lam.: A novel approach for advanced and sustainable biofeetilizer formulations"	-

Academic Responsibilities (BOS, Academic Council, Syndicate, IQAC, NAAC, NIRF, Committees)					
Sl. No.	**Academic Responsibility / Position Held**	**Department / Institution / University**	**Role (Chairperson / Member / Coordinator / Convener / Nodal Officer, etc.)**	**From (DD/MM/YYYY)**	**To (DD/MM/YYYY)**
01	IQAC	DoS in Biotechnology Davangere University	Assistant Coordinator	2019	Till Date
02	BoS	Davangere University	Member	-	-
03	BoE	Davangere University	Member	-	-

04	Annual report committee	DoS in Biotechnology Davangere University	Member	2025	-
05	Green audit committee	Davangere University	Member	2026	-

Administrative Responsibilities (Director, Dean, Chairperson, Coordinator, Nodal Officer, Warden, etc)

Sl. No	Administrative Responsibility / Position Held	Department / Institution / University	Nature of Assignment (Permanent / Additional Charge / Nomination)	From (DD/MM/YYYY)	To (DD/MM/YYYY)
01	Academic Coordinator	DoS in Biotechnology Davangere University	Additional Charge	2019	Till date
02	Student mentoring system Coordinator	DoS in Biotechnology Davangere University	Additional Charge	2019	Till date

Awards & Recognition

Sl. No	Name of the Award / Honour	Awarding Organization / Agency	Level (University / State / National / International)	Year	Cash Award / Citation / Medal (if applicable)
01	Rajiv Gandhi National Fellowship Award	UGC	National	2008	Cash Award
02	Academic Excellence Award NSF/AEA/2026/02	Nature Science foundation, Coimbatore, Tamil Nadu	National	2026	Certificate

Membership in Professional Bodies

Sl. No	Name of the Professional Body / Society	Membership Category (Life / Annual / Fellow / Senior Member / Honorary)	From (DD/MM/YYYY)	To (DD/MM/YYYY)	National / International
01	AFST(I)	Life time Member	2020	-	National

Extension & Outreach						
Sl. No	**Activity / Programme**	**Nature of Contribution (Coordinator / Convener / Resource Person / Expert / Volunteer / Consultant)**	**Organizing Institution / Agency**	**Level (University / State / National / International)**	**Date / Academic Year**	**Outcome / Impact**
01	Eco-Vision 2K26, State level environmental awareness event	Expert	Dept. of Studies in Environmental science, Tumkur University, Tumkur	State level	2026	-

Expert Talks					
Sl. No	**Title of Lecture / Programme**	**Organizing Institution**	**Role (Keynote / Invited Speaker / Resource Person / Panel Expert)**	**Level (University / State / National / International)**	**Date**
01	"Hypersensitivity reactions"	Amrutha Ayurveda Medical College, Chitradurga	Resource Person	State	8th February 2020

Research Metrics (as on 28/09/2026)		
Sl. No	**Research Metric**	**Value Source**
01.	Total Research Publications	12
02.	Book Chapters Published	03
03.	Total Citations (Google Scholar)	71
04.	h-index (Google Scholar)	04
05.	i10-index (Google Scholar)	02
06.	Sponsored Research Projects Ongoing	01
07.	Ph.D. Scholars Guiding	04
08.	Research Awards / Honours	02
09.	Invited / Keynote Lectures Delivered	01