

CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

- 1. Name** : KAVITHA V
2. Date of Birth : 01.06.1969
3. Address :

Residential	Office
NO.C7, II Floor RK Apartments 7th Cross, North East Extension Sastri Road Thillai Nagar Tiruchirappalli – 620018. E-Mail: gkavitha193@gmail.com	Cauvery College for Women(Autonomous) Annamalai Nagar Tiruchirappalli – 620018. E-Mail: kavitha.cs@cauverycollege.ac.in

ACADEMIC INFORMATION

- 4. Designation & Department:** Assistant Professor
PG and Research Department of Computer Science

5. Educational Qualification:

Degree	Year	College/University
NET	2023	Conducted by UGC
M.Phil(C.SC)	2007	Bharathidasan University
M.Sc. IT	2002	Bharathidasan University
B.Sc (Mathematics)	1997	Annamalai University
D.E.E.E.	1990	Muthiah Polytechnic, Chidambaram

6. Researcher ID :

Google scholar id	Scopus id	Web of science researcher id	Orcid id	Vidwan id	Mendeley	Publons
https://scholar.google.com/citations?view_op=new_articles&hl=en&img=Kavitha+V+Computer+Science&authuser=1#	https://www.scopus.com/dashboard.uri?origin=NO%20ORIGIN%20DEFINED&zone=TopNavBar	https://publons.com/researcher/4338449/kavitha-vaidhyanathan/	https://orcid.org/0000-0002-6282-5687	https://vidwan.inflibnet.ac.in/profile/205474/MjA1NDc0	https://www.mendeley.com/search/?page=1&query=reference%20manager&sortBy=relevance	https://publons.com/researcher/4338449/kavitha-vaidhyanathan/

7. Experience :

Date of Joining	Institution	Year of Experience
05.07.2002	Cauvery College for Women	Till date

8. Areas of Specialization : Internet of Things**9. Languages known :** Tamil and English**10. Subjects Taught :**

UG	Database Systems, Programming in C, Web Design, Digital Electronics, Environmental Studies, Java Programming, Programming in ASP, Software Engineering, Computer Graphics and Multimedia, PHP Scripting Languages, Office Management Tools, Desk Top Publishing - Corel Draw, Page Maker, Dream Weaver, Programming in C++, Digital Electronics and Microprocessor, Computer Networks, Data Structures and Algorithms, Operating Systems, Cloud Computing, Python Programming, Introduction to Digital Technologies
PG	Software Project Management

11. Details of Publications:

Journal Name & Volume	Year of Publication	ISSN Number	Name of the Paper
International Journal of Intelligent Systems and Applications in Engineering Vol : 12 (18s), 682–692	2024	ISSN:2147-67992	Energy and Bandwidth-Aware Parent Selection Mechanism to Mitigate Congestion in RPL-Based IoT Networks
The Scientific Temper Vol. 15 (3): 2634-2643	2024	E-ISSN: 2231-6396, ISSN: 0976-8653	RPL-eSOA: Enhancing IoT network sustainability with RPL and enhanced sandpiper optimization algorithm

12. Details of Papers Presented:

Date & Venue	Name of the Conference	Name of the Paper
07.01.2023 Auxilium College (Autonomous), Vellore – 632006.	International Virtual Conference on Applied Data Science and Intelligent Computing	A Survey on Energy Efficient and Secured Routing Algorithms for Wireless Sensor Networks in Internet of Things
24-25 th November 2023 Geethanjali College of Engineering & Technology, Hyderabad	International Conference on Computational Intelligence in Machine Learning (ICCIML 2023)	Design of an Optimal Path finding protocol for WSN based on Robust dynamic Clustering technique and Effectual Relay selection process

13. Details of Seminars / Conferences / Workshops Attended:

Date & Venue	Title	National / International	Topic
15.12.2017 St. Joseph's College(Autonomous), Trichy.	Workshop	Regional Workshop	Internet of Things & it's Applications
23.08.2021 to 27.08.2021 St. Joseph's College(Autonomous), Trichy.	Short Term Training Programme (STTP)	National	Microsoft Power BI
27.09.2021 & 28.09.2021 BCT Labs & Mr.Bot Education in Association with Siemens Center of Excellence in Manufacturing, NIT, Trichy.	Workshop	National	IoT and Home Automation
01.03.2022 Research Advisory Committee, St. Joseph's College(Autonomous), Trichy.	Seminar	National	Quality Parameters in Research
22.07.2022 to 02.09.2022 Centre for Educational Technology, IIT, Guwahati and RFRF, Nagpur in Association with IoT Academy	Online Training cum Internship	National	Embedded System & IoT
05.09.2022 to 23.09.2022 WIPRO-Talent Next	Wipro Certified Training Programme	National	Java Full Stack
29.10.2022 Research Advisory Committee, St. Joseph's College(Autonomous), Trichy.	Seminar	National	Effective Online Search Techniques for Innovation in Research
02.03.2023 Jamal Mohamad College(Autonomous), Trichy.	Conference	National	National Conference on Advanced Computing

14. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
Nov 2018 – Mar 2019	Student Assessment and Evaluation	Swayam (Online Course)
Jan – Feb 2020	Software Testing	NPTEL (Online Course)
Sep – Nov 2020	Google Cloud Computing foundations	NPTEL (Online Course)
Aug - Sep 2022	Body Language: Key to Professional Success	NPTEL (Online Course)

15. Details of Study Materials / Books written and published:

Book Title	ISBN NO	Publication & Year
Fundamentals of Theory of Computations	978-93-5757-739-7	Scientific International Publishing House(SIPH) , 2023

16. Details of In-Charge / Participation in Extracurricular Activities :**(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):**

Nature of Activity	Period of In-charge
Cultural In-charge	2019 – 2020
Placement In-charge	2019 – 2023, 2023 – 2024(Odd Semester), 2024 – 2025
Club In-charge	2020 – 2021

17. Any other information if any:

Virtual FDP and Webinar attended during lockdown period

FDP : 07

WEBINAR: 22