

**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
STAFF PROFILE**

PERSONAL INFORMATION

1. Name : Dr.M. Suriya Priyadharsini

2. Date of Birth : 30.05.1987

3. Address :

Residential	Office
PlotNo:481, Shanthinillayam Vasan Nagar 1 st A Cross Ext Trichy- 620102 EMail:suriyapriyadharsinim. cs@cauverycollege.ac.in Phone NO: 9629696474	Cauvery College For Women (Autonomous), AnnamalaiNagar, Trichy-18.

ACADEMIC INFORMATION

4. Designation & Department: Assistant Professor,
PG & Research Department of Computer Science

5. Educational Qualification:

Degree	Year	College/University
B.Sc(Computer Science)	2009	Shrimati Indira Gandhi College, Bharathidasan University, Trichy
MCA	2012	Shrimati Indira Gandhi College, Bharathidasan University, Trichy
M.Phil	2013	Jamal Mohamed College, Bharathidasan University, Trichy.
B.ed	2019	SVI College of Education Tamil Nadu Teachers Education University, Trichy.
P.hd	2024	Bishop Heber College, Bharathidasan University, Trichy.

6. Researcher ID :

Scopus ID/	57831320500 https://www.scopus.com/authid/detail.uri?authorId=57831320500
Google Scholar	aSo8cQ0AAAAJ https://scholar.google.com/citations?user=aSo8cQ0AAAAJ&hl=en&oi=ao
Orchid ID	0000-0002-8958-8802 https://orcid.org/0000-0002-8958-8802
Vidwan ID	316664

7. Experience : 3 years in Seventh-Day Adventist School, Trichy
6 Month in Bishop Heber College

8. Areas of Specialization : Image Processing and Machine Learning

9. Languages known : Tamil, English

10. Subjects Taught :

UG	C & Data structure , Computer Networks , Programming in C++, Operating System, Internet Programming, PHP & Scripting Language, Data Structures and algorithms, Programming in C, Database Management Systems, Office Management Tools, Programming in JAVA, Web Technology
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11. Research Supervision:

	Thesis Completed	Pursuing
M.Phil	-	-
P.hD	-	-

12. Details of Paper Published:

Sl.NO	Journal Name	Year of Publication & Volume	ISSN Number	Name of the Paper	Impact Factor
1	IJCSNS International Journal of Computer Science and Network Security.	November 2022 & VOL.22 No.11	ISSN:1738-7906 (Web of science).	High Noise Density Median Filter Method for Denoising Cancer Images Using Image Processing Techniques	1.5
2	Indian Journal of Science and Technology.	September 2023 & VOL : 16	P-ISSN 0974-6846, E-ISSN 0974-5645 (Web of science).	The New Robust Adaptive Median Filter for Denoising Cancer Images Using Image Processing Techniques	0.8
3	International Journal of Intelligent System and Application in Engineering.	January 31,2023) Vol:11	ISSN:2147-6799 (UGC Care List – Group II Scopus)	Mammogram Breast Tumor Abnormalities Detection Using Deep CNN with Discrete Cosine Transform Features	1.03

4	International Journal of Computational Biology and Drug Design.	July 27, 2023 Vol :15	ISSN: 1756-0764 (UGC Care List – Group II (Scopus)).	Advanced Deep CNN Breast Cancer Mammogram Image Detection and Classification with Butterfly Optimization Algorithm	0.145
5	SN Computer Science	January 2024 VOL :5	UGC Care List – Group II (Scopus)	Segmentation of Mammography Breast Images using Automatic SEGMENT Adversarial Network with UNET Neural Networks	4.34
6	International Journal on Recent and Innovation Trends in Computing and Communication	August 18, 2023 VOL :11	E-ISSN:2321-8169(UGC Care List – Group II (Scopus)).	Breast cancer Analytics classification using MEFBUD DCNN Techniques	0.71
7	Journal of Data Acquisition and Processing	2023 Vol. 38	ISSN: 1004-9037.	HIGH DENSITY NOISE FILTER METHOD FOR DENOISING MAMMOGRAM BREAST CANCER IMAGES	0.56

13. Details of Paper Presented:

Sl.NO	Date And Venu	Name Of Seminar	Paper Name
1	Bishop Heber College, Trichy-17 on 22th, March 2021.	International Conference on Intelligent and Computing Systems (ICICS 2021)	Performance Analysis of SVM in Breast cancer Classification: A Survey
2	Nehru Arts and Science College (Autonomous), Coimbatore on 31st May 2021. ISSN: 2349 – 9052	Modalities International Virtual Conference on Innovations in Science and Technology (IVCIST-2021)	A survey on Breast Cancer Diagnosis type and) held at
3	4 & 5th MARCH 2022. ICAIDS 2022 ISBN: 978-93-5620-075-3	1st international conference on artificial intelligence and data science (ICAIDS-2022)	Pixel high density noise filter method for denoising images using image processing techniques
4	Dr. M.G.R Educational and Research Institute, on 27th & 28th April 2022.	6th National Conference on E-Governance and Cloud Computing Services	Vigor Effectual Video Compression Mechanism for Wireless Sensor Network Using Edge Feature Reduction Algorithm.

5	Galgotias College of Engineering and Technology (ICACITE-2022) on 28th & 29th April 2022	2nd IEEE International Conference on Advance Computing and Innovative Technologies in Engineering	A New Switching-Mode Liner Filtering Scheme and Algorithm for Noise Removal in Medical Images.
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14. Details of Seminars /Conferences/Workshops Attended:

S.NO	Workshop/ Seminar Name	Place	Date
1	Probability Distribution and Mathematical Expectation for Data Analytics	St Joseph's College Trichy	05.10.2020 to 09.10.2020
2	Image Processing Trends and Applications	Bishop Heber College, (Autonomous), Trichy.	18.11.2020
3	Workshop on Digital Marketing Strategies and E-Advertising	B.A.M. Khalsa College, Garhshankar Under the Management of SGPC, Sri Amritsar Sahib (Affiliated to Panjab University), Chandigarh	04.06.2021
4	Research in Big Data Analytics	Mohamed Sathak A J College of Engineering, Chennai-603103	08.06.2021
5	6 Days online International FDP ON Application of Artificial Intelligence and Machine Learning with digital Image Processing	Panimalar Institute of Technology, Chennai-600123.	21.06.2021 to 26.06.2021
6	A Five-days Faculty Development programme on Research perspective on Data Science	Sri Ram Engineering College, Chennai.	28.06.2021 to 02.07.2021
7	International Training on fundamentals and advanced Application of SPSS for Quantitative Research Design	Eudoxia Research university-USA	16.12.2021 to 27.12.2021
8	International workshop on Research and methodology	Eudoxia Research university-USA	05.01.2022 to 11.01.2022
9	One Day International Online Faculty Development Program On "Technologies for the New Era"	Cauvery College for Women (Autonomous), Trichy.	22.01.2022
10	One Week National Level Online Faculty Development Program (FDP) on "Recent Trends in Artificial Intelligence, IoT, and Data Analytics"	Shri Vishnu Engineering College for Women(A), Bhim avaram, Andhra Pradesh	09.02.2022 to 13.02.2022
11	One week Faculty Development Programme on Patents and Innovative Teaching and Research Methodology	Department of Computer Science (SFII), Bishop Heber College, (Autonomous), Trichy.	02.03.2022 to 06.03.2022

12	One Week Faculty Development Program on Augmented & Virtual Reality with Data Science	Department of EXTC & CSE, P.R. Pote Patil College of Engineering & Management	06.06.2022 to 11.06.2022
13	ISTE Sponsored Short Term Training Programme on Deep Learning Tools and its Applications	Department of computer science and business system	25.07.2022 To 29.07.2022
14	International online workshop on Research Trends and Technologies of computer application in multi-Disciplinary stances	The Gandhi gram Rulal Institute (Deemed to be university)	28.07.2022
15	Management Development Program on Managing Self	Rajeev Gandhi College of Management Studies Ghansoli Navi Mumbai.	14.08.2024
16	Work Life Balance using Technique EQ and communication Skills.	Pencil BITZ Academy	25.08.2024

15. Details of Seminars / Conferences/Workshops Organized:

Year	Date	Title	National/ International	Topic	Resource Person
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16. Details of Orientation /Refresher Course Attended:

Date	Title of Course	Organizer
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17. Details of Study Materials/Books written and published:

18. Details of Chairing as Resource Person:

- Chief Guest 61st Science Expo at Seventh-Day ADVENTIST Matric.HR.SEC & ICSE School, Trichy.

19. Administration Positions held in the College:

20. Details of In-Charge/Membership in Committees for Autonomous:

21. Details of In-Charge/Participation in Extracurricular Activities:

(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

22. Details of Participation in Consultancy, Training, Development etc.:

- FDP ON Robotic Process Automation (RPA) -UiPath September 2 – 6 2024
- IT Infrastructure Services held on November 20th & 21st at TCS Siruseri Campus Chennai.

23. Details of Membership in Academic Bodies/ Board of Studies and Reviewer Details:

Sl.NO	Reviewer Journal Name
1	System and Softcomputing
2	5 th Congress on Intelligent Systems (CIS 2024) September 4 & 5 2024.
3	International Conference on Information Technology and Intelligence (ITI 2024) October 14 – 16 2024.
4	6 th International Conference on Communication and Intelligence Systems (ICCIS 2024) November 8 – 9 2024.
5	4 th International Conference on Intelligent vision and computing (ICIVC 2024) November 23 -24 2024.

24. Details of Membership of Professional Bodies:

25. Country Visited: Singapore, Malaysia and Thailand

26. Any other information if any:

27. Details of Orientation /Refresher Course Attended:

FDP/ Workshops/Webinars /Online Course Attended

Name of the Event	No. of Events Attended
FDP	15
Workshop	03
Webinar	20

