

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

PERSONAL INFORMATION

1. Name : J.SANGEETHA
2. Date of Birth :14.03.76
3. Address :

Residential	Office
'A' Block No.6 vignesh Empire Salai Road Trichy-3	Dept of IT Associate Professor Cauvery College For Women Trichy-18

ACADEMIC INFORMATION

4. Designation & Department : Associate Professor,Dept of IT

5. Educational Qualification :

Degree	Year	College/University
B.Com	1996	Cauvery College for Women
MCA	1999	Cauvery College for Women
M.Phil	2014	Mother Teresa university
SET	2018	Mother Teresa university
Ph.D	2021	Bharathidasan University

6. Experience :

Date of Joining	Institution	Year of Experience
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27-09-1999 to 30-11-2000	Chidambaram Pillai college for Women	1 Year 2 months
27-06-2001 to till date	Cauvery College For Women	18 Years

7. Research ID:

S.No	NAME	GOOGLE SCHOLAR ID	SCOPUS ID	WEB OF SCIENCE RESEARCHER ID	ORCID ID	VIDWAN ID	MENDELEY	PUBLONS
1	Dr. Sangeetha J	c2-7PXcAAAAJ	57205174417	AAJ-2227-2021	0000-0003-0596-3503	205452	57205174417	publons.com/researcher/4330058/sangeetha-j-information-technology/

8. Areas of Specialization : Data Mining

9. Languages known : Tamil,English

10. Subjects Taught :

UG	Cobol programming, Data Base Systems, OOPS & C++, Data Structures, Digital Computer Fundamentals, Artificial Intelligence, Open office automation, Software Engineering, PHP & Scripting Language, Introduction to Information technology, Web design, Page maker, Computer networks, Coral Draw, Internet & its usage, Information security & cyber laws
PG	Big Data Analytics, Marketing Management, Database systems, Computer Application in Business, Artificial Intelligence, Principles of E-commerce, Big data analytics
M. Phil	Data mining, Teaching Skills

11. Research Supervision:

University from where guide ship obtained	Thesis		
	Completed (in numbers)	Year of Completion	Pursuing (in numbers)

M.Phil	Bharathidasan University	1	2008	
		1	2009	
		3	2010	
		3	2011	
		3	2012	
		3	2013	
		3	2014	
		3	2015	
		2	2016	
		1	2017	
		2	2018	

11. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN/ ISSN Number	Name of the Paper	Impact Factor
International journal of Engineering and computer science	2014	ISSN:2319-7242	A Framework for Handoff Decision making and signal selection Algorithms for Heterogeneous Networks	
International Journal of Advance Research and innovative Ideas in Education	2016	ISSN 2395 – 4396	Identifying Features In Opinion Mining For Sentiment summarization	4.06
International Journal of Computer Science and Information Security	2017	ISSN 1947 5500	Survey on Big Data Mining Techniques	
IEEE Xplore Digital Library (Scopus Indexed)(2 Citations)	October 2017.	ISBN No: 978 – 1	An Efficient Inclusive Similarity Based Clustering (ISC) Algorithm for Big Data.	

International Journal of Scientific Research in Computer Science, Engineering and Information Technology.	October 2017.	ISSN No: 2456	Dual Access Cache Memory Management Recommendation Model Based on User Reviews	4.032
Advances in Intelligent systems and Computing (Springer & Scopus Indexed)(2 Citations)	Jan'19	ISBN No.978-981-13-1882-5_25	Improved Feature Specific Collaborative Filtering Model For the Aspect–Opinion based Recommendation	
International Journal of Mechanical Engineering and Technology (SCOPUS INDEXED)	Feb 2019	ISSN No:0976 – 6340	Movie Review Analysis and Prediction Using modified Collaborative filtering and Clustering with regression	10.06789
International Journal of Scientific and Technology Research(Scopus Indexed)	Aug 2019	ISSN No: 2277-8616	Enhanced Feature Specific Collaborative Filtering Model for Aspect–Opinion and Temporal based product Recommendation	7.4
International Journal of Innovative Technology and Exploring Engineering(Scopus Indexed)	Oct 2019	ISSN No: 2278 – 3075	Opinion Based Memory access Algorithm using Collaborative Filtering in Recommendation System	5.54

Indian Journal of Science and Technology(Scopus)	December 2023	0974-5646	A Framework to Detect and Classify Time-based Concept Drift	
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CHAPTER PUBLICATION

S.No	Name of the Author(s) of our college	Department	Title of the Book	Name of the Publisher	Chapter No	Chapter Title	Pg. No	Year	ISSN/ ISBN
1.	Ms. J. Sangeetha	Information Technology	Advances in Intelligent Systems and Computing	Springer Nature	25	Improved Feature-Specific Collaborative Filtering Model for the Aspect-Opinion Based Product Recommendation	275-289	2018	978-981-13-1882-5_25

12. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
12 th – 13 th Feb '04	Seethalakshmi Ramaswamy College	Cyber Impact on Society(UGC sponsored seminar)	Impact of e-banking on society
18 th – 19 th March '04	Gandhigram Rural Institute, Deemed University	NCRTCM –2004 Recent trends in computational Mathematics	The science of Cryptography
28.10.2004 & 29.10.2004	Yadava college Madurai	DIPA'04	Region Based Image Segmentation-splitting & Merging Algorithm
01.09.06	Dhanalakshmi Srinivasan College of Arts and Science for women	Flash 2k6 Future scenario of IT	Image enhancement using a contrast measure in the DCT Domain
10.3.2016	PSNA	ICSETH-2016	Survey on Big data Mining Techniques

2.2.2017 - 4.2.2017	St.Joseph's College	WCCCT-2016	An Efficient Inclusive Similarity Based Clustering (ISC) Algorithm for Big Data.
March 23,2018	Karunya Institute of Technology & Sciences	ICBDC-2018	Improved Feature Specific Collaborative Filtering Model For the Aspect–Opinion based Recommendation

1. Professional Development Programmes/ Orientation / Induction Programmes/ Refresher Course/Short Term Course/Internship/Training programs/FDP attended by faculty members through online mode:

Department	Name of the Faculty	Title of the Programme	Duration	Organizer
FDP	Dr. J. Sangeetha	Making of E-content	09.07.2020 to 11.07.2020	St.Joseph's College (Autonomous), Trichy
		The Era Of Change - Recent Advancements Of Machine Learning In Terms Of AI & IOT	12.07.2021 to 25.07.2021	SRM Institute of Science And Technology Ramapuram Campus
		National Workshop on “A Structured New Strategy of Quality Enhancement in Revised Accreditation for all Higher Educational Institutions(HE I'S)” (Online)	22 nd & 23 rd September 2021	Er.Perumal Manimekalai College of Engineering ,Hosur
		Bloom's Taxonomy Based Question paper Design for QBE in Zoology	27th September 2021	Ayyanadar Janakai Ammal College,Sivakasi

		Research Project Proposal Preparation and Submission Protocol	31st March 2022	CMS College of Science and Commerce, Coimbatore
		Leveraging the Technology for Higher Education	25th & 26th March 2022	Kristu Jayanti College, Bengaluru
		FDP On IT Infrastructure Management	26 to 28th July 2022	TCS
		In Pursuit of Manoeuvre Quality Assessment, Enhancement in HEIs: New Framework of NAAC	12.08.2022 & 13.08.2022	Marudhar Kesari Jain College in collaborate with NAAC, Vaniyambadi
		Outcome Based Education	30.09.2022 to 01.10.2022	Little Flower Degree College, Hyderabad, Telangana
		Research and publication Ethics	10.02.2023 to 10.03.2023	Bishop Moore College, Mavelikara, Kerala
		Emerging Trends in Data Analytics and Machine Learning	18.09.2023 - 22.09.2023	Karunya Deemed University, Coimbatore

13. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International	Topic
30 & 31 st March 2006	Cauvery college for women	Parallel and Distributed computing	National level	Parallel and Distributed computing
27 th to 29 th Nov'07	Bharathidasan University.	SIM Format	IGNOU-DEC Workshop	SIM Format

20 th – 21 st Feb '09	Holy Cross College	Conference on Advanced Computing and Communication Technologies	National	Conference on Advanced Computing and Communication Technologies
6 th -8 th Aug'09	Cauvery college	International conference on advanced computing	International	International conference on advanced computing
4 th March	Cauvery college	MAT LAB	State level	MAT LAB
29-30, Sep 2011	Cauvery College for Women	Research Issues in Cloud Computing	National	Research Issues in Cloud Computing
Dec 2014	National Institute of Technology	Big data analytics	National	Big data analytics
Feb 02,2016	Kongu Engineering College	Big Data Analytics with HADOOP	National	Big Data Analytics with HADOOP
Feb 23,2016	Bharathidasan University	Importance of Statistical Design & Experiments in Computational Research	National	Importance of Statistical Design & Experiments in Computational Research
Aug 31,2016	Bharathidasan University	Cloud Computing And Services	National	Cloud Computing And Services
July 28,2017	Bharathidasan University	One day International workshop - World Class Curriculum in Computer Science – Consultation Workshop	Inter National	One day International workshop - World Class Curriculum in Computer Science – Consultation Workshop
22.09.2017 & 23.09.2017	St. Joseph College	workshop on Predictive Data Analytics	National	workshop on Predictive Data Analytics

June 26 & 27, 2019	Srimad Andavan College	Workshop on Python	National	Research Colloquium
Feb 17-18,2020	Cauvery College	UGC-Paramarsh	UGC	NACC Revised Accreditaion Framework
09.07.2020 to 11.07.2020	St.Joseph's College (Autonomous), Trichy	Making of E-content	National	Making of E-content
02.06.2020 Chennai	B. S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE & TECHNOLOGY	Research Paradigms and Intellectual Property Rights(Webinar)	National	Research Paradigms and Intellectual Property Rights(Webinar)
02.06.2020 Trichy	Cauvery College for women	Power of Python	International	Power of Python
05.06.2020 Trichy	Bishop Heber College	Scope and Impact of Artificial Intelligence and Machine Learning	International	Scope and Impact of Artificial Intelligence and Machine Learning
11.06.2020	Cauvery College for women	Big Data !Big Opportunities!	International	Big Data !Big Opportunities!
12.06.2020	Cauvery College for women	Accelerate Your Networking Skills Using CISCO Packet Tracer	National	Accelerate Your Networking Skills Using CISCO Packet Tracer
15.06.2020 To 17.06.2020 Trichy	St.Joseph's College (Autonomous),	Embracing Digital Education(Workshop)	National	Embracing Digital Education(Workshop)
22.06.2020 Chennai	Sathayabama Institute of Science & Technology	Artificial Intelligence – A Walk Through(Webinar)	National	Artificial Intelligence – A Walk Through(Webinar)
23.06.2020 Chennai	Sathayabama Institute of Science & Technology	How to prevent the Network Attacks(Webinar)	National	How to prevent the Network Attacks(Webinar)
24.06.2020 Chennai	Sathayabama Institute of	User Interface Design	National	User Interface Design

	Science & Technology			
11/06/2021 Pudukkottai	Dept. of Computer Science, Govt Arts College for Women	Computers in Scientific Research	National	Computers in Scientific Research
12/06/2021-14/06/2021 Pudukkottai	Dept. of computer Science, Bharathi Arts & Science College,	Recent Trends in Information Technology	National	Recent Trends in Information Technology
12/06/2021 Bengaluru	Sambhram Institute of Technology	Hassle-Free Research Article Writing using LaTeX	National	Hassle-Free Research Article Writing using LaTeX
12-08-2022 To 13-08-2022	Cauvery College for women	In pursit of Manoeuvre Quality Assessment Enhancement in HEI's New Framework of NAAC	National	Workshop on In pursit of Manoeuvre Quality Assessment Enhancement in HEI's New Framework of NAAC
14th & 15th October, 2023	IIT Chennai	Design Thinking: Developing Insights, Framing & Reframing the Problem, Mapping the Context	International	Design Thinking: Developing Insights, Framing & Reframing the Problem, Mapping the Context
9th & 10th January, 2024	Department of Commerce, Bishop Heber College (Autonomous), Trichy	Conference on Artificial Intelligence- Adoption and Application in Business	International	Conference on Artificial Intelligence- Adoption and Application in Business
28th July 2023	School of computer science ,engineering and applications, Bharthidasan University	Artificial Intelligence and ChatGPT	National	Artificial Intelligence and ChatGPT

14. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
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1 sep'04 to 28 sep'04	Orientation course valued Education	Academic staff college. Bharathidasan University.
Nov-Feb 2019	Student Assessment and Evaluation	SWAYAM ARPIT Online Certification Course

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

S. No	Nature of Position	Institution Name	Period
1.	Lesson Writer-C++	Centre for Distance Education Bharathidasan University	Nov 2007 – Jan 2008

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

Antiragging Committee

Calendar Committee

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

Date	Organizer	Name of the Workshop	Name the e-Module	Amount
June 5-10 '19	Cauvery College for Women	Capacity Building Workshop on e-Content Development	1. Serialization in DBMS	
Aug 2023	Raj Vidhya Bhav Matriculation High Secondary School	Digital Enrichment Programme	15 days	Rs.50000/-

19. Details of Membership in Academic Bodies/ Board of Studies:

Examinership & Question Paper Setter

Examiner	University / Autonomous Colleges	Question Paper Setter	University / Autonomous Colleges
Practical Examiner B.sc(C.Sc),B.C.A,B.Sc(IT)	Bharathidasan University	UG / PG	Bharathiyar University, Coimbatore

Practical Examiner & Question Paper setter B.sc(C.Sc),B.C.A,B.Sc(IT)	Jamal Mohammed college,Trichy	UG / PG	Jamal Mohammed college,D.K.M college,Bishop Heber college.
	Srimad Andavan arts & Science College,Trichy	UG/PG	Srimad Andavan arts & Science College
Question Paper Setter	Vellalar College For Women,Thindal,Erode	UG/PG	Vellalar College For Women,Thindal,Erode
		Scrutinizing U.G. Question paper	Bharathiyar University, Coimbatore
Nodal Officer	UGC	Vidyanjali Programme	

20. Details of Membership of Professional Bodies:

S. No	Nature of Position	Institution Name	Period
1.	Member	ISSC – Indian Society of Systems For Science and Engineering	Life Time Member
2.	Member	CSI	2023-2024

21. Any other information if any:

Has completed Swayam Arpit Online Course Faculty Development Programme on “Student Assessment and Evaluation”, 30.03.2019.

S. No	Nature of Position	Institution Name	Topic / Competition / Function	Date
1.	Resource Person	Mentee Institution	Final self study Report for Mentee Institutions	16.09.2021
2.	Resource Person	Valluvar College of Science and Management	NAAC Accreditation Process	17.02.2021

Collaborative activities/Linkages with other institutions/ research establishment/industry for research and academic development of faculty and students

Department	Title & Nature of Collaborative activity	Name of the Collaborative Agency	Duration	Source of Financial Support	No. of Beneficiaries
Information Technology	Faculty Exchange Programme-Dr.J.Sangeetha, Associate Professor	RBVRR Women's College, Hyderabad	5/01/23-10/01/23	College Management-IQAC	200

Patent Filled:

Title of Invention : Automated Transmission of EV In Densely Populated Regions Using Internet of Things,10/12/2021.