CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

1. Name   : Dr.M.Parveen

2. Date of Birth   **:** 18.04.1973

3. Address   **:**

Residential	Office
17-A,Pakkupettai St., Woraiyur, Trichy – 620 003.	Cauvery College for Women (Autonomous) Trichy – 620018.

ACADEMIC INFORMATION

4. Designation & Department: Professor & Head Dept. Of Information Technology

5. Educational Qualification:

Degree	Year	College.University
B.Sc.	1993	Cauvery College for Women Bharathidasan University
M.C. A	1996	Cauvery College for Women Bharathidasan University
M.Phil.	2003	Manonmaniam Sundaranar University
Ph.D.	2015	Bharathiyar University

6. Researcher ID:

ORCID ID	GOOGLE SCHOLAR ID	SCOPUS ID	PUBLON ID	VIDWAN ID
0000-0001-5159-7941	IsJGwRUAAAAJ		https:..publons.com.researcher .4335679.parveen-m	205773

7. Experience   :

Date of Joining	Institution	Year of Experience
Cauvery College for Women	22-07-1996 – 05.07-2000	4
Cauvery College for Women	20-06-2001 - till date	23

8. **Areas of Specialization   : Data Mining**

9. **Languages known : Tamil, English & Urudhu**

10. **Subjects Taught   :**

UG	**C,C++, Java, Multimedia, Software Engineering**
PG	**C,C++, Java, Multimedia, Software Engineering, Software Testing, OOAD & UML, Cloud Computing, pervasive computing**
M. Phil	**Research Methodology**

11. **Research Supervision:**

	University from where guideship obtained	Thesis	
		Completed (in numbers)	**Pursuing (in numbers)**
M.Phil	**2007**	**39**	**-**
Ph.D	**2019**	**2**	**2**

12. **Details of Publications:**

S.No.	Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
1	International Journal of Advanced Research in Computer Science(IJARCS) Volume-1,No-1	July-Aug 2010	ISSN No: 0976- 5697	An Efficient Method to find video Objects	3.727
2	(IJARCS) Volume-1 No-3	Sept-Oct 2010	ISSN No: 0976-5697.	Extraction of Object from the video	3.727
3	CIIT International Journal of Data Mining Knowledge Engineering Print	January 2011	ISSN 0974-9683 & Online: ISSN 0974-9578	An efficient Method of Video Mining to Recognize the speech of the Video Objects	0.621
4	Journal of Current Computer Science and Technology Volume-1, Issue – 4	July 2011	ISSN 2231-5411 Page No. 130-138.	A Survey on Index Support for Item Set Mining Techniques	1.185
5	International Journal of Computer Technology and Electronics Engineering (IJCTEE).Volume-1,	Feb 2012	Issue-2, ISSN 2249-6343 Page No. 6-11	Fuzzy Decision Tree Based Effective Inline Indexing	-

6	European Journal of Scientific Research pp.579 -585	August, 2013	ISSN 1450-216X.1450-202X Vol.110 No 4	A Method to mine the feelings and Gestures of the Object From the Video	0.73
7	International Journal of Advanced Research in Computer Science(IJARCS) Volume – 7	September – October 2016	Issue – 5 ISSN No: 0976 –5697	Content Based Video Mining: A Survey	0.765
8	International Journal of Advanced Research in Computer Science(IJARCS) Volume – 7	September – October 2016	Issue – 5 ISSN No: 0976 –5697	Content Based Video Mining	0.765
9	International Journal of Emerging Technology and Advanced Engineering(IJETAE) Volume – 8	February - 2018	Issue – 2 E-ISSN: 2250-2459	Techniques of Educational Data Mining: A Survey	0.745
10	International Journal of Emerging Technology and Advanced Engineering(IJETAE) Volume – 8	February - 2018	Issue – 2 E-ISSN: 2250-2459	Data Mining Techniques for Surveillance Video-A Survey	0.745
11	International Journal for Multidisciplinary Research	September - 2018	ISSN : 2278- 2311	Video Image Region Quadtree Hypergraph(IRQH)	4.118
12	International Journal for Multidisciplinary Research Volume – 6	October - 2018	Issue – 10 ISSN: 2278 – 2311	Adaptive Thresholding Methods for Video Surveillance Sports Image Segmentation	4.118
13	Solid State Technology (SCOPUS INDEXED)	December 2020	Volume 63,Issue-04,ISSN No: 0038 – 111X Pg.No:8060-8066	A Survey on Routing Protocols With Security in Internet of Things	0.127
14	Design Engineering	December 2021	ISSN No: 0011-9342, Issue:9, Pg.No:1326-1342	A Complete Empirical View of Prescriptive Analytics	

15	Journal of Computer Science (UGC CARE LIST)	December 2021	ISSN No: 1982-3363, Volume 20, Issue:2	"Investigation Study on Heart Disease Prediction with Patient Healthcare Data"	
16	"Journal of Data Acquisition and Processing" Volume no :37 (SCOPUS INDEXED)	December 2022	Issue :5 Page No :1351-1364	"Minimum Power Consumption Routing using Hierachical Fuzzy Logic Clustering for Internet of Things",	0.444
17	"International Journal of Intelligent Engineering and Systems", Volume no :16 (SCOPUS INDEXED)	Feb 2023	Issue :1 Page No :25-37	"Z-Score Normalized Feature Selection and Iterative African Buffalo Optimization for Effective Heart Disease Prediction"	1.42
18	Indian Journal of Science and Technology	May 2023	0974-5645 Web of Science	Prediction of Heart Disease using Ensemble Learning	Web of Science
19	Journal of Harbin Engineering University	May 2023	1006-7043 Scopus	A Safe and Power-Proficient Data Transmission Framework for the Internet of Things	Scopus
20	The Scientific Temper (2023)	September 2023	E-ISSN:2231-6396 ISSN:0976-8653 Voll14	IOT based Home Automation with energy Management	UGC Care Group II and Web of Science Indexed Journal
21	International Journal Of Intelligent Systems and Applications in Engineering(JISAE)	Jan 2024	2147-6799	Data Transmission Framework for the Internet of Things: Safe and Power Proficient	Scopus
22	Indian Journal of Science and Technology	Feb 2024	0974-5645	Big Data Analytics for Heart Disease Prediction Using Regularized Principle and Quadratic Entropy Boosting	Web of Science

13. Details of Papers Presented:

S.No	Date	Organizer	Name of the Seminar	Paper Name
1	11.02.2004 & 12.02.2004	Seethalakshmi Ramasamy College, Trichy	Seminar on Cyber impact on society	Cyber Terrorism
2	30.03.2006 & 31.03.2006	Cauvery College for women	Conference on "parallel and distributed computing"	Data Compression

3	21.02.2009	Thanthai Hans Roever College , Perambalur	Frontries in IT	Issues And Techniques In Video Mining
4	4.07.2009 5.07.2009	Department of Maths & Computer Science Womens Christian College Chennai-.	Conference on Computational Mathematics & Soft Computing	Face Recognition Using Laplaciah Analysis
5	06.08.09 to 08.08.09	BUTP & CCW	Conference on Advanced Computing	Unsupervised Behavioral Patterns in Video Mining
6	09.12.2009 10.12.2009 & 11.12.2009	MEPCO Schlenk Engineering College Sivakasi, organized by Department of Computer Science and Engineering.	International Conference on Computing Technologies (ICONCT'09)	An Efficient Algorithm For Mining Frequent Patterns
7	21.01.2010, 22.10.2010, & 23.01.2010	VLB Janakiammal College of Eng, Coimbatore	International Conference on CCITA-2010	Partition Based Approach for mining frequent
8	05.03.2010 & 06.03.2010	School of C.Sc,Thanthai Hans Roever College,Perambalur	Combination of Unsupervised and Supervised Techniques in video mining	Combination of Unsupervised and Supervised Techniques in video mining
9	24.03.2010	PG and Research Department of C.Sc, Jamal Mohamed college, Trichy	Video mining for face Retrievel using skin color model	Video mining for face Retrievel using skin color model
10	01.03.2012	PG and Research Department of C.Sc, Jamal Mohamed college, Trichy	Multiple Object Extraction with Semi Supervised Learning Technique	Multiple Object Extraction with Semi Supervised Learning Technique
11	01.03.2012	PG and Research Department of C.Sc, Jamal Mohamed college, Trichy	Object Tracking in Video Mining	Object Tracking in Video Mining
12	20.02.2018	Jamal Mohamed College, Trichy	National Conference on Computing and Communication Technologies (NCCCT 2018)	Techniques of Educational Data Mining: A Survey
13	20.02.2018	Jamal Mohamed College, Trichy	National Conference on Computing and Communication Technologies (NCCCT 2018)	Data Mining Techniques for Surveillance Video-A Survey
14	14.12.2020	Bishop Heber College (Autonomous), Trichy	IVCET 2020	A Survey on Routing Protocols with Security in Internet of Things
15	16.12.2020	Vaigai College of Engineering, Madurai	ICCBI 2020	IoT-PSKTS: Public and Secret Key with Token Sharing Algorithm for prevent Keys leakages in IoT

S.No	Year & Date	Organizer	Title	National/International
14	28.12.2023 & 29.12.2023	Seethalakshmi Ramaswami College (A),Trichy	International Conference (Tech Meet - CSSRC 2023) on Current Trends in Information Technology	Comparative Analysis of Heart Disease Prediction with Ensemble Learning Comparative Analysis II of Heart Disease Prediction with Ensemble Learning
15	28.12.2023 & 29.12.2023	Seethalakshmi Ramaswami College (A),Trichy	International Conference (Tech Meet - CSSRC 2023) on Current Trends in Information Technology	A Comprehensive ethical perspective on prescriptive Analytics
16	09.08.2024	Srimad Andavan Arts and Science College (Autonomous), Trichy	International Conference on Advancements in AI Tecnologies	An Observational moral view point on Prescriptive Analytics
17	18.10.2024 & 19.10.2024	Shobhit University Gangoh, INDIA	International Conference on Hybrid Intelligence: Theories and Applications (HITA2024)	Heart Disease Prediction Using Weighted Stouffer Quantum Tangent Radial Deep Learning

14. Details of Seminars. Conferences. Workshops: Attended:

S.No	Year & Date	Organizer	Title	National. International
1	14.09.2001 to 16.09.2001	CSI Trichy Chapter	National Student Convention (NSC 2001) organized by Computer Society of India	National Level
2	10.01.2004	Indian Professor.com	Seminar on The Role of Research and Publication in Higher Education	State Level
3	27.08.04 to 28.08.2004	J.J college of Engg and tech in Association with CSI Trichy chapter	National Conference on e-Education	National Level
4	03.02.2006 & 04.02.2006	Bharathidasan University	National Level seminar on "EMERGING TRENDS IN INFORMATION TECHNOLOGY"	National Level

5	20.12.2008 & 21.12.2008	IEEE Madras Section	Faculty Development Programme on Trends in Computing	National Level
6	30.12.2008	Bharathiyar University	International Seminar on Computational Intelligence	International Level
7	27.03.2009 & 28-03-2009	Jamal Mohamed College, Trichy	National Level Conference on Advance Computing	National Level
8	24.08.2009	SPSS South Asia and Department of Computer Applications, NIT, Trichy	One Day Workshop on Data Mining Using PASW Modeler	National Level
9	28.01.2011 & 29.01.2011	P.G Dept of IT BHC, Trichy and IRFCS	National workshop on Research Tools in Computer Science (NWRTCS -2011)	National Level
10	31.10.2012	ICTACT	ICTACT Bridge 2012	National Level
11	27.08.2014	ICTACT	Work Shop - Bridge	National Level
12	20 .12. 2014	ICTACT	Work Shop - Data Science and Big Data Analytics	National Level
13	13.08.2015	CIIT	Work Shop - EDUSKILL- by Confederation of Indian Industry, Govt. of India.	National Level
14	23.11.2015 to 28.11.2015	Bharathidasan University	UGC Short term course	UGC
15	16.02.2016	Bharathidasan University	World Class Curriculum in Computer Science – Consultative Workshop (for College HODS and BOS members of Science Under Bharathidasan University)	UGC
16	05.01.2019	Internal Quality Assurance Cell	NAAC Accreditation Process	Workshop
17	01-03-2019& 02-03-2019	UGC – HUMAN RESOURCE DEVELOPMENT CENTRE & INTERNAL QUALITY ASSURANCE CELL	Professional Development of Academic Administrators on Institutional Assessment and Accreditation	UGC – Sponsored Workshop
18	17.02.2020 & 18.02.2020	Cauvery College for Women (Autonomous)	NAAC Revised Accreditation Framework	UGC-PARAMASH
19	30.07.2023	Marcello Tech, Trichy	Programming With Core JAVA	National Level
20	30.09.2023	ICTACT	ICTACT Bridge 2023	National Level

21	14.10.2023 & 15.10.2023	NPTEL -IIT Chennai	Design Thinking: Developing insights, Framing & Reframing the Problems, Mapping the Context	International Level
22	09.01.2024 & 10.01.2024	Dept of Commerce, Bishop Heber College, Trichy	Conference on Artificial Intelligence- Adoption and Application in Business	International Level

15. Details of FDP -Attended:

S.No	Year & Date	Organizer	Title	National. International
1	24-07-2023 to 28-07-2023	Mangayarkarasi College of Arts and Science for Women, Madurai.	Advanced Technologies and Trends in Computing	International
2	09.08.2023 to 19.08.2023	Seshadripuram Academy of Business Studies with BUTCCM, Bangalore.	Research Methodology and data Analysist.	National
3	09-10-2023 to 14.10.2023	ICT Academy	Emotional Intelligence	National

16.Details of Orientation. Refresher Course Attended:

S.No	Date	Title of the Course	Organizer
1	20.05.2000 to 16.06.2000	Four Week Orientation Course	Bharathidasan University
2	03.12.2003 to 23.12.2003	Refresher Course in Computer Science	Bharathidasan University
3	01.11.2008 to 21.11.2008	Refresher course in Computer Science	Bharathidasan University

17.Administrative Positions held in the College:

S.No	Nature of Position	Year
1	CCAA President	2017 to till date
2	Liaison Officer (NPTEL online Exams)	2022 to till date
3	Test Center Administrator (TCS iON)	2022 to till date
4	UMIS Nodal Officer	2024
5	E-Governance Nodal Officer	2024

18. Consultancy Service

S. No	Nature of Position	Institution Name	Topic . Competition . Function	Date
1	Acted as Resource Person	UDC, Trichy	Issues in Data Mining	18.08.2011
2	Acted as A Judge	UDC, National, Jamal, Trichy	Debugging, Ad zap, Web Designing,	2012 -2013
3	Question Paper Scrutinizer board member	JMC, Trichy		2013 - 2014
4	Acted as a Judge	National College, Trichy	Dump - C	28.02.2014
5	Acted as a Judge	Cauvery Global School and Cauvery Matric Higher Secondary School, Trichy	Chrystalis day	26.02.2016
6	Resource Person	Jamal Mohamed College, Trichy	Video Mining Methodologies	04.03.2016
7	Acted as a Judge	Jamal Mohamed College, Trichy	Ad Zap	09.09.2016
8	Acted as an Advisory Committee Member	Holy Cross College, Trichy	Innovative Computing Technologies	08.01.2018
9	Acted as a Judge for paper presentation	Jamal Mohamed College, Trichy	VARIT 2K18	14.02.2018
10	Acted as a Judge	Cauvery College for Women, Trichy	QUIZ	17.02.2018
11	Acted as a Technical Reviewing Committee member	Jamal Mohamed College, Trichy	National Conference on Computing and Communication Technologies (NCCCT 2018)	20.02.2018
12	Resource Person	Department of Computer Applications, Thanthai Hans Roever College (A), Perambalur	Seminar on Latest Trends in Technology	4.08.2023
13				

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

> The Member of the Board of Studies for the Subject **COMPUTER SCIENCE (PG) from 2018 to 2020– Bharathidasan University, Trichy**

> The Member of the Board of Studies for the Subject **Commerce with COMPUTER Applications (UG)** from 2021 to 2024– Fathima College, Autonomous, Madurai.

> The Member of the Board of Studies for the Subject **COMPUTER SCIENCE (UG) from 2024 to 2027–** Govt Arts College(A)-Salem.

> Nominated as University Subject Expert to conduct the interview for selecting the Assistant Professor of Computer Science in Khadir Mohideen College, Adirampattinam.

20. **Details of Membership of Professional Bodies:**

S.No	PROFESSIONAL BODY	POSITION	YEAR
1	**ICTACT** - Information and Communication Technology Academy of Tamil Nadu	Co- Ordinator	2010 – till date
2	**CSI** – Computer Society of Indian	Member	2005 – till date
3	**ISSE** – Indian Society of System for Science and Engineering	Life Member	2016

21.**Details of Book Published:**

S.NO	BOOK TITLE	ISBN NO.	PUBLISHED BY
1	Relational Database Management Systems	978-93-95341-22 - 6	SKRGC Publications
2	Big Data Analytics for Beginners	978-93-95431-74 - 5	SKRGC Publications

21. **Patent Details:**

S.NO	PATENT TITLE	APPLICATION NO.	DATE OF PUBLICATION
1	Hybrid Cloud Infrastructure for Secured Big Data Applications	202341002150	20.01.2023

22. **Awards**

- Received Award from **SILAMPOLI FOUNDATION for "BEST PROFESSOR AWARD – 2024".**

- Received appreciation from Government of India Ministry of Youth Affairs & Sports N.S.S Regional Directorate for conducting South Zone Pre- Republic Day Parade 2023 (30.10.2023 to 08.11.2023) at Cauvery College for Women (Autonomous) Trichy-620018.

- Received appreciation for acting as Resource Person for capacity building program on "E- Content Creation" organized by PG & Research Department of Physics, Cauvery College for Women (Autonomous), Trichy – 620018.