CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
STAFF PROFILE

PERSONALINFORMATION

1. Name   :P.Muthulakshmi

2. Date of Birth   :10.05.1985

3. Address   :

Residential	Office
PlotNo: 93, 4thCross, Sri Gowri Nagar, Pitatiyur,Trichy– 620009.	CauveryCollegeForWomen(Autonomous),AnnamalaiNagar, Trichy-18.

ACADEMIC INFORMATION

4. Designation & Department: Associate Professor,

PG & Research Department of Computer Science

5. Educational Qualification:

Degree	Year	College/University
B.Sc(Physics)	2005	Alagappa Arts and Science college, Karaikudi.
MCA	2008	Alagappa University, Karaikudi.
M.Phil	2010	Cauvery College for Women, Trichy

6. Researcher ID   :

Google Scholar	:	https://scholar.google.com/citations?view_op=new_articles &hl=en&imq=Muthulakshmi+Computer+Science#
WOS & Publons ID	:	ID:ABX-9101-2022
Orchid ID	:	0000-0003-3392-4894
Vidwan ID	:	201840

7. Experience   :14 Years

8. Areas of Specialization :Big Data Analytics

9. Languages known   :Tamil, English

10. Subjects Taught   :

UG	C & Data structure , Computer Networks , Programming in C++, Operating System, Internet Programming With ASP, PHP & Scripting Language, Data Structures and algorithms, Digital Electronics & Microprocessor, ,Programming in C,Database Management Systems, Office Management Tools, Programming in JAVA, Web Technology

PG	Advanced Java Programming, Distributed Operating System, Grid Computing, Wireless Communication Network, OOAD & UML, Web Technologies, Distributed Technologies, Design and Analysis of Algorithm, Big Data Analytics, Artificial Intelligence
M.Phil	-

11. Research Supervision:

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

12. Details of Publications:

Journal Name& Volume	Year of Publication	ISSN Number	Name of the Paper	Impact Factor
International Journal of Computer Science and Engineering (IJCSE),Volume-6, Issue-6	June 2018	2347-2693	A Survey on Big Data Issues and Challenges	3.022
INFOCMP Journal of Computer Science, Vol. 20Issue: 2	December 2021	1807-4545	Investigation Study on Heart Disease Prediction with Patient Healthcare Data	-
International Journal of Intelligent Engineering and Systems, Vol:16,Issue:1,Pg.No:25-37	February 2023	2185-3118	Z-Score Normalized Feature Selection and Iterative African Buffalo Optimization for Effective Heart Disease Prediction	-
Indian Journal of Science and Technology, Volume No:16, Issue:20, Page No: 1469-1476	May 2023	0974-5645	Prediction of Heart Disease using Ensemble Learning	0.06
Indian Journal of Science and Technology, Volume:17, ISsue:6, Page. No: 533-547,	February 2024	0974-5645	"Big Data Analytics for Heart Disease Prediction using Regularized Principal and Quadratic Entropy Boosting	0.06

13. Details of Papers Presented:

Date &Venue	Name of the Conference	Paper Name
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

14. Details of Seminars /Conferences/Workshops Attended:

Date &Year	Organizer	Title	National /International	Topic
06.08.2009-08.08.2009	Cauvery College for Women, Trichy	ICAC09	International Conference	Advanced Computing
28.03.2010–29.03.2010	Bharathidhasan university, Kajamalai campus	Workshop	National	C#
09.04.2010	Bharathidhasan university, Trichy	Seminar	Regional	Research areas in Computer Science
25.02.2013-01.03.2013	Vellammal Engineering, Madurai.	Workshop	National	Cloud Infrastructures and services– ICTACT &EMC^2
27.04.2015–30.05.2015	NIT, Trichy	Workshop	Regional	Introduction to Design of Algorithms
07.09.2015-08.09.2015	Cauvery College for Women, Trichy	Seminar	Regional	Networking in MNC
24.08.2018	Dept. of Library and Information Science, Bharathidasan University, Trichy-24.	Workshop	National	Research Intelligence and Scholarly Publishing
17.05.2022–18.05.2022	TCS, Chennai	Online Training Program	National	FDP on DevOps
25.02.2022	Bishop Heber College, Trichy	Conference	National	Information and computing Technologies (NVCICT)-2022

15. Details of Seminars / Conferences/Workshops Organized:

Year	Date	Title	National/ International	Topic	Resource Person
-	-	-	-	-	-

16. Details of Orientation /Refresher Course Attended:

Date	Title of Course	Organizer
Certificate Issue Date:29.05.2019	Pedagogical Innovations & Research Methodology	Swayam
June–Oct2019 (12 weeks)	Introduction to Internet of Things	Swayam-NPTEL
Feb–Apr2020	Data Mining	Swayam-NPTEL
Aug–Oct 2022	Big Data Computing	Swayam-NPTEL

17. Details of Study Materials/Books written and published:
➢ Published a Book entitled " Big Data Analytics and Its Applications", SKRGC Publication, ISBN: 978-81- 19980-17-8

18. Details of Chairing as Resource Person:

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..:

23. Details of Membership in Academic Bodies/ Board of Studies and Reviewer Details:
➢ Reviewer - International Journal of Plant & Soil Science
➢ Reviewer - BP International Publisher

24. Details of Membership of Professional Bodies:

25. Country Visited:

26. Any other information if any:

FDP/ Workshops/Webinars /Online Course Attended

Name of the Event	No. of Events Attended
FDP	20
Workshop	03
Webinar	20
Online Course	3