

CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

1. Name : Dr.P.RAJESWARI

2. Date of Birth : 19.04.1977

3. Address :

Residential	Office
54d, New Colony, T4 Harikrishna Garden, Salai Road, Woraiyur, Trichy- 620 003	Cauvery College For Women (Autonomous) Annamalai Nagar, Trichy- 620018

ACADEMIC INFORMATION

4. Designation & Department: Associate Professor, Computer Science

5. Educational Qualification:

Degree	Year	College/University
B.Sc.(C.Sc)	1998	Cauvery College for Women
MCA	2001	Cauvery College for Women
M.Phil	2005	Bharathidasan University
Ph.D	2017	Bharathidasan University
S.E.T	2017	Mother Theresa University

6. Researcher ID :

Google scholar id: <https://scholar.google.com/citations?user=QWxwEXkAAAAJ&hl=en>

Scopus id : <https://www.scopus.com/authid/detail.uri?authorId=57212191196>

Web of science researcher id: [AAJ-2719-2021](https://www.webofscience.com/wos/author/uri?uri=AAJ-2719-2021)

Orcid id: <https://orcid.org/0000-0002-6422-3161>

Vidwan id: <https://vidwan.inflibnet.ac.in/profile/205655>

Mendeley: <https://www.mendeley.com/settings/account/>

Publons: <https://publons.com/researcher/4328881/rajeswari-padmanaban/>

7. Experience :

Date of Joining	Institution	Year of Experience
27.06.2001	Cauvery College For Women	21 yrs 9 Months

8. Areas of Specialization : Networks, MANET, Database

9. Languages known : Tamil, Telugu, English

10. Subjects Taught :

UG	Programming in C, C++, ASP, PHP, Data Structures & Algorithm, Operating System, Database Management System, System Analysis & Design, MIS, Digital, Architecture, Software Engineering, Computer Applications in Business, Visual Programming, Oracle, Computer Networks
PG	Compiler Design, Artificial Intelligence & Expert System, Distributed Operating System, Database System
MI.Phil	Web Services, Distributed Database

11. Research Supervision:

	Thesis Completed	Pursuing
M.Phil	2009 – 01 2010 – 03 2011 – 03 2012 – 03 2013 – 03 2014 – 03 2015 – 02 2016 – 02 2017 – 01 2018 – 02 2019 – 01 2020 – 01	
P.hD	-	-

12. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN / ISSN Number	Name of the Paper	Impact Factor
International Journal of Advanced Research in Computer Science Vol: 05 Issue:10	Oct 2014	ISSN:0976 5697	Performance Analysis on Traffic Sensitive Vertical Handoff Algorithms- TSVHOA	2.315
International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Vol : 03 Issue:12	Dec 2014	ISSN:2278-1323	An Overview of Fault tolerant Routing protocols in MANET	2.793

International Journal of Computer Science and Information Security (IJCSIS) Vol:13	July 2015	ISSN: 1947 5500	A Critique on Quality of Service in MANET	0.476
International Journal of Computer Technology and Applications (IJCTA) Vol. 6 Issue:10	Dec 2015	ISSN: 2229 6093	QOS-DHT Based Fault Tolerant Routing Mechanism for Improving Link Stability in MANET	2.9084
International Journal of Applied Engineering Research (IJAER) Vol. 10 Issue:82	Dec 2015	ISSN: 0973 4562	Augment the Security in MANET using QoS - DHT- A NovelKey Sharing Protocol	1.8233
International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) Vol:6 Issue:03	March 2016	ISSN: 2277 128X	An appraisal of QoS Parameter Achievements in MANET through Learning	2.5
Journal of Applied Security Research Vol: 12 Issue:02	March 2017	ISSN:1936 1610	A Novel SERIEs algorithm for enhancing Link Stability and Security in MANET	0.22
Egyptian Informatics Journal Vol: 19 Issue:01	March 2018	ISSN:1110 8665	He- SERIEs: An inventive Communication model for data offloading in MANET	1.77
International Journal for Research in Applied science & Engineering Technology Vol:06 Issue:02	March 2018	ISSN: 2321-9653	An Efficient approach for multilevel authentication system for bankingservices	6.887

13. Details of Papers Presented:

Date & Venue	Name of the Seminar	Paper Name
12.02.04- 14.02.04 Seethalakshmi Ramaswamy College	Cyber Impact on Society	Impact of e-banking on society
18.03.04- 19.03.04 Gandhigram Rural Institute, Deemed University	Recent trends in computational Mathematics	The science of Cryptography
01.09.06 Dhanalakshmi Srinivasan College of Arts and Science for women	Future scenario of IT	Image enhancement using a contrast measure in the DCT Domain
07.03.13 Jamal Mohammed College, Trichy	National Conference on Advanced Computing – NCAC-2013	A Survey on MANET and Mutual exclusion with respect to Token based Algorithm
14.02.15 Erode Arts & Science College, Erode	National Conference on Research Issues in Image Analysis and Mining Intelligence- NCR IAMI'15	A Critique on Quality of Service in MANET
03.12.2015 & 04.12.2015 Jamal Mohammed College, Trichy	International Conference on Advanced Computing	Augment the Security in MANET using QoS - DHT- A Novel Key Sharing Protocol

14. Details of Seminars / Conferences / Workshops Attended:

Date & Venue	Title	National / International	Topic
06.04.02 Trichy	-	State level	Voice Reformation
12.02.04- 14.02.04 Seethalakshmi Ramaswamy College	Impact of e- banking on society	National	Cyber Impact on Society
18.03.04- 19.03.04 Gandhigram Rural Institute, Deemed University	The science of Cryptography	National	Recent trends in computational Mathematics
01.09.06 Dhanalakshmi Srinivasan College of Arts and Science for women	Image enhancement using a contrast measure in the DCT Domain	International	Flash 2k6 Future scenario of IT

27.11.07- 29.11.07 Centre for Distance Education, Bharathidasan University	-	UGC sponsored	Workshop on Development of course materials (SIMformat) and Quality Assurance measures
23.01.08 -24.01.08 BUTP	-	UGC sponsored	Workshop on Open Source Software
20.02.09-21.02.09 Holy Cross College	-	National	Conference on Advanced Computing and Communication Technologies
06.08.09-08.08.09 Cauvery College for Women	-	International	Conference on advanced computing
29.09.10-3.10.10 Bishop Heber College	-	Workshop	Introduction to Free Open Source Software
28.01.11- 29.01.11 Bishop Heber College	-	National	Workshop on Research Tools in Computer Science
04.04.12 Cauvery College for Women	-	State level	Seminar on MATLAB
07.03.13 Jamal Mohammed College, Trichy	A Survey on MANET and Mutual exclusion with respect to Token based Algorithm	National	National Conference on Advanced Computing – NCAC-2013
21.11.2014 Vellore Institute of Technology	-	National	Workshop on How to write Research papers and get publish in Journals
07.02.15 - 08.02.15 Periyar E.V.R College	-	UGC	Software Toolsfor Research
14.02.15 Erode Arts & Science College, Erode	National Conference on Research Issues in Image Analysis and Mining Intelligence- NCRIAMI'15	National	A Critique on Quality of Service in MANET

03.12.2015 - 04.12.2015 Jamal Mohammed College, Trichy	International Conference on Advanced Computing	International	Augment the Security in MANET using QoS - DHT- A Novel Key Sharing Protocol
15.11.2017 Bharathidasan University, Trichy	-	International	International Workshop On World class curriculum Design for Science with Research Aspects
29.10.2018- 02.11.2018 Cauvery College For Women, Trichy	-	Workshop	Capacity Building workshop on e- Content Development
26.09.2019 – 27.09.2019 Cauvery College For Women(A), Trichy	-	Workshop	Intellectual Property Rights
17.02.2020 – 18.02.2020 Cauvery College For Women(A), Trichy	-	Seminar	NAAC Revised Accreditation Framework , under UGC- PARMARSH

15. Details of Seminars / Conferences / Workshops Organized:

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

16. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
02.11.2007-22.11.2007	Women Studies	Bharathidasan University
30-03-2019	Annual Refresher Course on ARPIT(Student Assessment and Evaluation)	SWAYAM

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

1. Lesson Writer- Centre for Distance Education - Bharathidasan University- Operating System-
Nov 2007 – Jan 2008
2. Lesson Writer- Centre for Distance Education- Annamalai University – Information
Technology & E-Commerce - 2015

18. Details of Chairing as Resource Person: NIL**19. Administration Positions held in the College:**

Nature of Position	Year
Certificate Course	2006-2009
Comphaven Club	2010-2011
Department Library	2011-2014

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

Member in

- i) Student Welfare Committee
- ii) Anti Ragging Committee
- iii) Calendar Committee

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

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

Nature of Activity	Period of In charge
Sports In charge	2001-2004

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

S. No	Nature of Position	Institution Name	Topic / Competition /Function	Date
1	Resource Person	Aamur Government Middle School	Awareness on Computer	05.09.08
2	E-Content Development	Cauvery College	Compaction in Operating System	29.10.18-02.11.18

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

Examiner	University / Autonomous Colleges
Question Paper Scrutinizing Board - UG	Alagappa University
Virtual International Conference on Machine Learning and Data Analytics	Sri Venkateswara University, Tirupathi

24. Details of Membership of Professional Bodies: NIL

25. Country visited: NIL

26. Any other information if any:

FDP/Webinars/ Online Course Attended during Covid 19

Name of the event	Number of Events attended
FDP	24
Webinar	26
Online Course	01

Details of Patents filed:

Department	Name of Faculty/Student	Title of the Patent with Patent Number	Status of Patent	Applied to	Date
Computer Science	Dr.P.Rajeswari	Automated Transmission of EV in densely populated regions using Internet of Things 202141055815	Awaiting Request for Examination	Intellectual Property India	Date of Filing: 02/12/2021 Date of Publishing: 10/12/2021

- Acted as a Resource Person for the topic entitled “Hands on training on E-content development and Video editing”, organized by Hale Bopp Club, Department of Physics, Cauvery College for Women, Trichy on 07.10.2021, 10.00 am - 11.30 am