CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

1. Name   : **Dr. M. ANANDHI**

2. Date of Birth   :11.06.1977

3. Address   :

Residential	Office
No.5, Manoranjidham salai Extn., Annamalai Nagar, Trichy – 620 018 E-Mail: anandhi.it@cauverycollege.ac.in Mobile:97502 55226	Cauvery College for Women, Annamalai Nagar. Trichy – 18 Phone: 0431 - 2751232

ACADEMIC INFORMATION

4. Designation & Department: Associate Professor, Information Technology

5. Educational Qualification:

Degree	Year	College/University
B.Sc.(C.Sc)	1997	Seethalakshmi Ramaswamy college, Trichy
MCA	2000	Seethalakshmi Ramaswamy college, Trichy
M.Phil	2004	Mother Theresa Women's University
SET	2016	Mother Teresa Women's University
Ph.D	2018	Bharathidasan University

6. Researcher ID :

GOOGLE SCHOLAR ID	SCOPUS ID	WEB OF SCIENCE RESEARCHER ID	ORCID ID	VIDWAN ID	PUBLONS
GdKO9Uw AAAAJ	Mail sent to Scopus, yet to receive	AAJ-4102-2021	0000-0001-8389-9549	205785	publons.com/researcher/4335703/anandhi-m/

7. Experience :

Date of Joining	Institution	Year of Experience
03.07.2001	Cauvery College for Women	22 Years

8. Areas of Specialization : Computer Networks, Mobile Communication

9. Languages known : Tamil, English

10. Subjects Taught :

UG	Fortran & COBOL Programming, Data Structures & Algorithms, Pascal & C Programming, Digital Electronics, Programming in C, Relational Database, Software Engineering, Computer Applications in Business, Data Communication and Networks, ECommerce, Visual Programming, Data Communication Concept, PHP & Scripting Language, Value Education, Introduction To Information Technology, Office Management Tools, Computer Organization and Architecture, Operating System, Page Maker**,** Corel Draw, Dream Weaver**,** Cloud computing, Internet and its usage, Cyber security, Mobile Application Development
PG	Data Structures & Algorithms, Digital Electronics, Computer Applications in Business, Programming in C, Communication Networks, Principles of IT, Microprocessor and its Applications, Software Testing, Mobile Computing, , Programming the Web, Programming in c#, Microsoft Windows programming Technology **,** Network security
M.Phil	Data mining and Data Warehousing, Research Methodology

11. Research Supervision:

	University from where guideship obtained	Thesis		
		Completed (in numbers)	**Year of Completion**	**Pursuing (in numbers)**
M.Phil	**Bharathidasan University**	**01**	**2009**	
		03	**2010**	
		03	**2011**	
		03	**2012**	
		03	**2013**	
		03	**2014**	
		03	**2015**	
		02	**2016**	
		02	**2017**	
		02	**2018**	
		01	**2019**	
		01	**2020**	

12. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
International Journal of Computer Science and Mobile Applications	October 2014	2321-8363	Enhanced Vertical Handoff using Hybrid Parallelized ACS-3 Opt Local Search	
International Journal of Advanced Research in Computer Science	Nov-Dec 2014	0976-5697	An Appraisal of Attacks in MANET and Fortification Methods	
International Journal of Recent and Innovation Trends in Computing and Communication (IJRIT CC)	May 2015	2321-8169	A Novel framework for prevent the Denial-of-Service attacks in MANET	

International Journal of Computer Science and Information security (IJCSIS)USA	July 2015	1947-5500	Scalable, Power aware and Efficient Cluster for Secured MANET	
SCOPUS INDEXED International Journal of Applied Engineering Research(IJEAR)	Nov-Dec 2015	1087-1090	Dynamic Triangular Vision and Optimized Slant Selection Protocol for Mobile Ad-Hoc Networks	
Middle East Journal of Scientific Research	May 2016	1990-9233	RAN-DTVOSSP Routing algorithm for Mobile Ad hoc Networks	
International Journal of Advance Research and Innovative Ideas in Education(IJARIIE)	2016	2395-4396	A Proficient and Tenable Three hop Routing protocol in Hybrid wireless Network	
Digital Connectivity – Social Impact Communications in Computer and Information Systems – **SPRINGER**	Dec 2016	ISBN 978-981-10-3273-8	A Reactive Protocol for Data Communication in MANET	
Journal of the Maharaja Sayajirao University of Baroda	Dec 2020	0025-0422	Particle Swarm Optimization (PSO) Based Dynamic Triangular Vision model for Route Discovery in MANET	
Journal of Kala Sarovar	January 2021	095-4520	A Location-Based DTV Model for Multicast Routing in MANET	

S .No	Title of the Book	Name of the Publisher	Chapter No	Chapter Title	Pg. No	Year	ISSN/ ISBN
1.	Digital Connectivity-Social Impact part of the series Communications in Computer and Information Science	Springer Nature	17	A Reactive Protocol for Data Communication in MANET	208-222	2016	ISBN 978-981-10-32738
2	Advanced Engineering Research and Application(AERA)	Research India Publication	8	Dynamic Triangular Vision and Optimized Slant Selection Protocol for Mobile Ad hoc network	124-136	2017	ISBN 978-819328505-3

13. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
12th – 13th Feb '04	Seethalakshmi Ramaswamy College UGC Sponsored (National	Cyber Impact on Society	e-Learning in business organization
18th – 19th March '04	Gandhigram Rural Institute, Deemed University	**NCRTCM –2004** Recent trends in computational Mathematics	Cryptosystem
28th - 29th Oct '04	Yadava College Madurai	**DIPA '04**	Region based Image Segmentation – Splitting and Merging Algorithms
1st Sep 2006	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
14th Feb 2015	Erode Arts and Science College	Research Issues in Image Analysis & Mining Intelligence	Scalable, Power aware efficient cluster for Secured MANET
3rd & 4th Dec 2015	Jamal Mohamed College, Trichy.	**ICAC-2015**	Dynamic Triangular Vision and Optimized Slant Selection Protocol for Mobile Ad-Hoc Networks.
17th and 18th March 2016	Karpagam College of Engineering, Coimbatore	**ICIIECS'16** IEEE sponsored 3rd	RAN-DTVOSSP Routing algorithm for Mobile Ad hoc
		International Conference on Innovations in Information, Embedded in communication systems	Networks
23rd, 24th and 25th January 2017	Hotel Le Meridien, Coimbatore	**CSI-2016** Digital Connectivity – Social Impact	A Reactive Protocol for Data Communication in MANET

28th Sep 2020& 29th Sep 2020	St.Peter's Institute of Higher Education and Research	E-Conference on Recent Trends and Technologies in Soft Computing (ICRTSC 20)	Particle Swarm Optimization (PSO) Based Dynamic Triangular Vision model for Route Discovery in MANET

14. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International
10th – 12th June 2008	Centre for Distance Education, Bharathidasan University.	Workshop on Development of E-Content	UGC sponsored
20th - 21st Feb 2009	Holy Cross College	Conference on Advanced Computing and Communication Technologies	National
7th -9th Aug 2009	Cauvery College	International Conference on Advanced Computing	International
28th & 29th Jan 2011	Bishop Heber College	National Workshop on Research Tools in Computer Science	National
29-30, Sep 2011	Cauvery College for Women	Research Issues in Cloud Computing	National
27th March 2014	BUTP, Kajamalai Campus	Big data analytics	State Level
21stNov 2014	VIT	How to write research papers and get publish in Journals	National
7&8th Feb 2015	Periyar EVR College	Software tools for research	UGC Sponsored
15th Nov,2017	Bharathidasan University, Kajamalai Campus	Workshop on "World Class Curriculum Design for Computer Science with Research Aspect"	International

24th Aug,2018	Bharathidasan University,	Research Intelligence and Scholarly Publishing	National
29.10.2018 – 02.11.2018	Cauvery College for Women	Capacity Building Workshop on e-Content Development	National
13.06.2022 - 15.06.2022	Cauvery College for Women	E-Content Development using ICT Tools for MOOCs	Institution
12.08.2022 - 13.08.2022	Marudhar Kesari Jain College for Women, Vaniyambadi	In Pursuit of Manoeuvre Quality Assessment, Enhancement in HEIs: New Framework of NAAC	National

15. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
1th – 24th Nov '04	Orientation Course on Value Education	Academic Staff College, Kajamalai Campus

16. Details of Chairing as Resource Person:

S. No	Nature of Position	Institution Name	Topic / Competition / Function	Date
1.	Resource Person	Government High School	Magalir Membadu	2001
2.	Judge	Christhuraj College of Arts and Science college	Rangoli	24.09.2008
3.	Judge	Christhuraj College of Arts and Science college	Multimedia Presentation	25.09.2009
4.	Chief Guest	Kid Zee school	Children's Day	12.11.2012
5.	Judge	Holy Cross College	Connection - Teacher's Day	03.09.2022

17. Administration Positions held in the College:

Nature of Position	Year
Placement assistant Co-Ordinator	2006 – 2009
Club In charge	2011-2012, 2018-2019 & 2019-2022
NPTEL Assistant Co-ordinator	2019-2022
ISO Internal Auditor	2019-2023

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

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

Nature of Activity	Period of In charge
Sport In charge	2015-2016 & 2021-2022
Fine Arts In charge	2010-2011,2012-2013 &2019-2020

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

- Patent filed and published under the title "**Automated Transmission of EV in Densely Populated Regions using Internet of Things**"

Date	Organizer	Name of the Workshop	Name the e-Module
05.06.2019 – 10.06.2019	Cauvery College for Women	Capacity Building Workshop on e-Content Development	Data structures
10.02.2023 - 10.03.2023	Bishop Moore College, St.John's College and Catholicate College	Research and Publication Ethics	

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

S. No	Nature of Position	Institution Name	Period
1.	Lesson Writer	Centre for Distance Education Bharathidasan University	Nov 2007 – Jan 2008
2.	Question Paper Scrutinizing Member	AVC college, Mayiladuthurai,	2004-2007
3.	Question Paper Scrutinizing Member	Bharathiyar University, Coimbatore,	2010-2011
4	Question Paper Scrutinizing Member	Srimad Andavan Arts and Science College, Sri Rangam,Trichy	February 2020
5.	Member in Board of Studies	Nallamuthu Gounder Mahalingam College,Pollachi	June 2022 4.6.2022

21. Details of Membership of Professional Bodies:

Nature of Position	Institution Name	Period
Reviewer/Editorial Board Member	International Journal of Advanced Research in Computer Science (IJARCS)	2016 to till date
Member in Technical Advisory Board	International Conference "Prominent Challenges in Information Technology" ICPCIT20 St.Joseph's College of Arts and Science for Women, Hosur	January 2020
Reviewer	International Conference on Machine Learning and Data Analytics ICMLDA 2020, Sri Venkateswara University, Tirupathi	July 2020

25. Country visited:

26. Any other information if any: