CAUVERY COLLEGE FORWOMEN(AUTONOMOUS)

STAFF PROFILE

PERSONAL INFORMATION

1. Name : Dr. R. BRENDHA

2. Date of Birth : 02.06.1981

3. Address :

Residential	Office
B4, Kesava Shapphire Apartment Near Vekkaliamman Kovil Woraiyur Trichy-620003. Mobile : 9942206161 Email : brendha.ca@cauverycollege.ac.in Mobile : 9942206161	Associate Professor in Computer Applications Cauvery College for Women Annamalai Nagar Trichy-620018. Ph: 0431-2751232

ACADEMIC INFORMATION

4. Designation & Department: Associate Professor in Computer Applications

5. Educational Qualification :

Degree	Year	College/University
Ph.D	2021	Bharathidasan University
SET	2017	Mother Terasa Women's University, Kodaikanal
M.Phil	2007	Bharathidasan University
MCA	2004	Cauvery College for Women
B.Sc (C.Sc)	2001	Cauvery College for Women

6. Researcher ID   **:**

      Google Scholar ID   **: OvrPPGQAAAAJ**

      Scopus ID   **57195936110**

      Web of Science ID   **: <u>AAJ-4017-2021</u>**

      Orcid ID   **: 0000-0002-3880-0391**

      Widwan ID   **201851**

      Publon ID   **: https://publons.com/researcher/4332309/brendha-r/**

      Mandy ID   **: Brendha R**

7. Experience   **:**

Date of Joining	Institution	Year of Experience
09.03.2006	Cauvery College for Women	18

8. Areas of Specialization   **:** Computer Networks

9. Languages known : Tamil, Telugu, English

10. Subjects Taught   **:**

UG	Object oriented Programming, C Programming, Database Systems, Asp Programming, Digital Circuit and Design, Software Engineering, Data Structure and Algorithms, PHP Scripting Languages, Computer Networks, Visual Basic, Office Management Tools, Digital Electronics and Computer Organization, Multimedia, Value Education, Page Maker, Operating Systems, Python Programming
PG	Management Information Systems, Programming in Java, Computer Networks, Data Structure and Algorithms.
M.Phil	Research Methodology

11. Research Supervision:

	University from where guideship obtained	Thesis		
		Completed (in numbers)	Year of Completion	Pursuing (in numbers)
M.Phil	Bharathidasan	1	2020	-
P.hD	-	-	-	-

Ph D (Doctoral Committee)

No	Name of the scholar	Name of the Guide	Name of the other DC Member	University
1	Senthamaraiselvi S	Dr. K. Meenakshisundaram	Dr. S. Sukumaran	Bharathiar

12. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
IEEE Digital Library	August 2017	ISBN :978-1-5090-4559-4	A Survey on Routing Protocol for Vehicular Ad Hoc Networks	-
International Journal of Engineering and Technology UAE , Vol. 7	August 2018	ISSN : 2227-524X	Geographical Zone based Cluster Head for Routing in Sparse Vehicular Networks	-
Smart Innovation Systems and Technologies, Springer Book Series, Vol. 107	December 2018	ISBN 978-981-13-1747-7	Geographical Zone - based Cluster Head for Routing in Urban Vehicular Network	-
International Journal of Computer Sciences and Engineering (IJCSE) Vol.7, Iss.5, Pg.965-975	May 2019	E- ISSN: 2347-2693	Geographical Zone Clustered Multi-Objective Glowworm Swarm Optimization for Routing in VANET	3.022
International Journal of Scientific and Technology Research, Vol.8, Iss.9, Pg.2051-2059	September 2019	E- ISSN: 2277-8616	Geographic Multiattribute Monarch Butterfly Optimization Based Traffic Aware Routing in VANET	7.466

13. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
06.01.17-07.01.17	Shri Eshwar College of Engineering, Coimbatore	Fourth International Conference on Advanced Computing & Communication Systems (ICACCS 2017)	A Survey on Routing Protocol for Vehicular Ad Hoc Networks

14. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International	Topic
20.02.2009 to 21.02.2009	Holy Cross College,Trichy	Advanced computing and communication Technologies	National	Advanced computing and communication Technologies
06.01.2017 to 07.01.2017	Shri EshwarCollege of Engineering, Coimbatore	Fourth International Conference on Advanced Computing & Communication Systems (ICACCS 2017) Sponsored by IEEE	International	Fourth International Conference on Advanced Computing & Communication Systems (ICACCS 2017) Sponsored by IEEE
28.07.2017	Dept. of C.Sc & Engand Curriculum Development, BDU,Trichy	One Day International Workshop on "World Class Curriculum Design for Computer Science" (Sponsored by Dept. of Higher Education, Govt.of TamilNadu)	International	One Day International Workshop on "World Class Curriculum Design for Computer Science" (Sponsored by Dept. of HigherEducation, Govt. of TamilNadu)
28.09.2017	Dept. of MCA Christhuraj Institute Institute of Computer Application & Research, Trichy	One Day International Workshop on "Cloud Computing andits Practical Demonstration"	International	One Day International Workshop on "Cloud Computing andits Practical Demonstration"
01.03.2018	School of ComputerScience and Engineering, Bharathidasan University, Trichy – 23	One day Seminaron Cyber Security and Ethical Hacking (Sponsored by DST-PURSE)	State Level	One day Seminar on Cyber Security and Ethical Hacking (Sponsored by DST-PURSE)

26.07.18 to 27.07.18	Sri Ramakrishna Engineering College, Coimbatore	Two days National Workshop on "NETWORK SIMULATOR 3"	National Level	Two days National Workshop on "NETWORK SIMULATOR3"
17/02/2020 & 18/02/2020	Cauvery College for Women(Autonomous)	UGC – PARAMARCH A Two day seminar on NAAC Revised Accreditation Framework	State Level	NAAC Revised Accreditation Framework
10/02/2023 to 10/03/2023	Guru Angad Dev Teaching Learning Centre, Ministry of Education, Govt. of India Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching(PMMMNM IT) in collaboration with Bishop Moore College , Mavelikara, St.John's College Agra, Catholicate College Pathanamthitta, Kerala & Cauvery College for Women(A), Trichy, Tamilnadu"	30 Hours Online Certificate Course on "Research and Publication Ethics"	National	30 Hours Online Certificate Course on "Research and Publication Ethics"
09.01.2024 & 10.01.2024	Bishop Heber College (Autonomous)	Two Days International Conference on Artificial Intelligence-Adoption and Application in Business	International	Artificial Intelligence-Adoption and Application in Business

15. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
08.05.2012 to 04.06.2012	75TH Orientation Programme	UGC-Academic Staff College, Bharathidasan University, Trichy_23
30.03.2019	Annual Refresher Course on ARPIT – STUDENT ASSESSMENT and EVALUATION	SWAYAM

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

S.No	Title of the Chapter	Name of the Book & Publisher	Chapter No	Page Number	ISBN Number	Year
1.	Geographical Zone -based Cluster Head for Routing in Urban Vehicular Network	Information and Communication Technology for Intelligent Systems. Smart Innovation, Systems and Technologies, Vol 107. Springer, Singapore.	15	149-160	978-981-13-1747-7	December 2018

17. Administrative position held in the College:

Nature of Activity	Period of Incharge
In-Charge – Certificate Course	2009-2011
Staff Advisor -ABACUS Club	2012-2013
NAAC- Criterion VII In-charge	2020 onwards

18.Details of Incharge / Participation in Extracurricular Activities:

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

Nature of Activity	Period of Incharge
Staff Advisor – Sports	2008 -2014, 2016-2018
Staff Advisor - Dept. Fine arts	2018-2019

19. Details of participation in Consultancy and Training , Development programme etc:

Date	Organizer	Name of the Workshop	Name of the e-module
05-06-2019 to 10-06-2019	Cauvery College for Women	Capacity Building Workshop on e-Content Development	Data Transmission modes and Types of Network

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

SI.No	Nature of Position	Institution	Period
1.	Member	ISSE (Indian Societyof Systemsfor Science and Engineering)	Lifetime member (from 2016 onwards)
2.	Subject Expert in BoS	Erode Arts and Science College (Autonomous), Erode	2023-2024

Reviewer in EURASIP Journal on Wireless Communications and Networking.

Reviewer in International Journal of Soft Computing.

21. Any other information if any:

Lockdown Activities for the Period (March 2020 to June 2020)

Name of the Activity Participated	Count
Virtual FDPs	07
Webinars	22
Online Workshop	03