

CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

1. Name : Dr.K.AKILA

2. Date of Birth : 22.06.1986

3. Address :

Residential	Office
F11,Sakthi Renga Apartment, Lakshmi nagar 4th cross, Near EB Substation, Srirangam, Trichy	Associate Professor, Department of Computer Applications, Cauvery College for Women (Autonomous), Woraiyur, Trichy
Email ID : akilak.ca@cauverycollege.ac.in	Email ID : akilak.ca@cauverycollege.ac.in
Mobile No : 9791452772/ 9080324155	Mobile No : 9791452772/ 9080324155

ACADEMIC INFORMATION

4. Designation & Department: Associate Professor, Department of Computer Applications

5. Educational Qualification:

Degree	Year	College/University
Ph.D	2022-2023	Raja Serfoji Govt College/Bharathidasan University
M.E	2018-2019	Jayaram Engineering College/Anna University
M.Phil	2009-2010	Ponnaiah Ramajeayam Engineering College
M.Sc(IT)	2007-2009	Cauvery College for Women Bharathidasan University
B.Sc(CS)	2004-2007	Srimad Andavan College/ Bharathidasan University

6. Researcher ID

Google Scholar ID : V4GTr3kAAAAJ

Scopus ID : <https://id.elsevier.com/settings/redirect?code=PuBo2yThpXEshDkAC-uRK61nj9kSCQEconFsaj6K#>

Web of Science ID : ACU-4822-2022

Orcid ID : 0000-0001-9292-1592

Widwan ID : 201820

Publons ID : <https://publons.com/researcher/4332229/akila-ca/>

Mandy ID : AKILA K

7. Experience : 13 years

8. Areas of Specialization : Internet of Things

9. Languages known : Tamil, English

10. Subjects Taught :

UG	C, C++, Java, Database Management Systems, Data Structures, Computer Networks, Operating System, Software Engineering, Cloud Computing, Internet of Things
PG	Web Technology, Data Mining, Compiler Design
M.Phil	Nil

11. Research Supervision:

	Thesis Completed	Pursuing
M.Phil	-	-
Ph.D	-	-

12. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
International Journal of Management, IT and Engineering, vol:9	January 2019	2249-0558	Survey On Internet of Things Based Wireless Sensor Network Nodes In Cloud For Environmental Protection	7.119
International Journal of Innovative Technology and Exploring Engineering (IJITEE)	September 2019	2278-3075	Strengthening IOT-WSN Architecture for Environmental Monitoring	5.54
International Journal of Scientific and Technology Research (IJSTR)	December 2019	2277-8616	Secured IoT-WSN Architecture for Environmental Pollution	5.186
Sambodhi	March 2021	2249-6661	PUF+2F: An enhanced Double Fuzzy based Physical Unclonable Function for Secured Key Encryption and Authentication in IOT During Environment Monitoring	–
New Horizons	March 2021	2277-5718	Framework for IoT- WSN Architecture for Monitoring Environmental Pollution	–
Scientific Temper	December 2023	0976-8653	Location-specific trusted third-party authentication model for environment monitoring using internet of things and an enhancement of quality of service	–

13. Details of Papers Presented:

Date & Venue	Name of the Seminar	Paper Name
20/02/2018	National	Computing and Communication Technologies
07/01/2019 & 08/01/2019	Heber International conference on Actuarial Science , Mathematics, Management and Computer Science	Survey On Internet of Things Based Wireless Sensor Network Nodes In Cloud For Environmental Protection
06.09.2019 & 07.09.2019	Contemporary Trends in Computer Science International, J.J College of Arts & Science(A),Pudukkottai	A survey on secure IOT-WSN Architecture for Environmental Pollution
26.05.2023	International Conference on “Smart Innovative Technologies on Data Analytics	Location-specific trusted third-party authentication model for environment monitoring using internet of things and an enhancement of quality of service

14. Details of Seminars / Conferences / Workshops Attended:

Date & Venue	Title	National / International	Organized by
24/08/2018	Research Intelligence and Scholarly Publishing	National	Bharathidasan University
18/08/2018	Internet of Things	International	Heber International Conference on Applications of Actuarial Science, Mathematics, Management and Computer Science(HICAAMMC-2019), PG Department of Actuarial Science, Bishop Heber College (Autonomous), Tiruchirappalli
24/01/2019	Cyber Security	National	Theivanai Ammal College for Women (Autonomous), Villupuram
04/02/2019	Interfacing Sensors with IOT	National	Kongu Engineering College (Autonomous), Erode
29/09/2019	International Workshop on IOT and Cloud Development	International	AIMAN College of Arts & Science for Women
26/09/2019 & 27/09/2019	Two days State Technical Workshop on “Intellectual Property Rights”	State Level	Cauvery College for Women (Autonomous)
06/09/2019 & 07/09/2019	Contemporary Trends in Computer Science	International	Jamal Mohammed College (Autonomous), Trichy
8/01/2024	Developing your Professional Edge : Strategies for Career Growth and Financial Success	International	Department of Commerce with Information Technology & IQAC of PPG College of Arts and Science, Coimbatore, Tamilnadu

15. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
30 March 2019	Student Assessment and Evaluation(ARPIT)	Swayam
14 July 2019	Cloud Computing (Mentor)	Swayam
14 July 2014	Introduction to Internet of Things (Top Performing Mentor)	Swayam
31 January 2020	Being Truly Agile with DevOps	Cognixia
11 October 2019	Architect your career with AWS	Cognixia

16. Details of Study Materials / Books written and published:**17. Details of Chairing as Resource Person:**

Date	Title of the Seminar/Conference	Session Chaired
27 December 2019 To 31 December 2019	IECD-BUTP	Examiner-(Periyar Maniyammai Matriculation Hr Sec School, Trichy)
03 March 2019 & 04.03.2019	IECD-BUTP	Examiner-(Vestley Matriculation Hr Sec School, Pudukkottai)

18. Administration Positions held in the College:

Nature of Position	Year
Placement Cell	2010-2011
Binding	2011-2012
Binding	2012-2013
Question paper	2013-2014
Club	2014-2015

Bound Register	2015-2016
Bound Register	2016-2017
Circulation	2017-2018
Circulation	2018-2019
Time Table, ISO In-charge	2019-2020
Club In-charge	2020-2021
Club In-charge, External Audit In-charge	2021-2022
Fine Arts In-charge	2022-2023
Fine Arts In-charge	2023-2024

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

20. Details of In-Charge / Participation in Extracurricular Activities: Nil
(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

21. Details of Participation in Consultancy, Training, Development etc.: Nil

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

Acted as Reviewer in International Journal of Electrical and Electronic Engineering & Telecommunications at reviewing period in 2023.

23. Details of Membership of Professional Bodies: Nil

24. Country visited: Nil

25. Any other information if any:

Attended Online Conference: 20

Attended Online FDP'S : 35

Attended Online Workshop: 20

Attended Online seminar: 20

