

**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	Assistant Professor, Department of Computer Applications, Cauvery College for Women (Autonomous), Woraiyur,Trichy

**ACADEMIC INFORMATION**

**4. Designation & Department:** Assistant Professor

**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** : 12 years  
**8. Areas of Specialization** : Internet of Things  
**9. Languages known** : Tamil, English  
**10. Subjects Taught** :

<b>UG</b>	C,C++,Java, Database Management Systems, Data Structures,Computer Networks, Operating System, Software Engineering,Cloud Computing, Internet of Things
<b>PG</b>	Web Technology,Data Ming, Compiler Design
<b>MI.Phil</b>	

**12. Details of Publications:**

<b>Journal Name &amp; Volume</b>	<b>Year of Publication</b>	<b>ISBN Number</b>	<b>Name of the Paper</b>	<b>Impact Factor</b>
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	5.5 4
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	

### 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
27.08.2020	Contemporary Trends in Computer Science International	A survey on secure IOT-WSN Architecture for Environmental Pollution

### 14. Details of Seminars / Conferences / Workshops Attended:

Date & Venue	Title	National / International	Topic
29.9.18 & 30.9.18	Cloud Computing		
20/02/2018	Computing and Communication Technologies		

04/02/2017	Internet of Things and It's Application		
24/08/2018	Research Intelligence and Scholarly Publishing		
18/07/2018	Internet of Things		
24/01/2019	Cyber Security		
04/02/2019	Interfacing Sensors with IOT		
29/09/2019	International Workshop on IOT and Cloud Development		
26/09/2019 &27/09/2019	Two days State Technical Workshop on "Intellectual Property Rights"		
06/09/2019 & 07/09/2019	Contemporary Trends in Computer Science		