

**CAUVERY COLLEGE FOR WOMEN**  
**(AUTONOMOUS)**  
**STAFF PROFILE**

**PERSONAL INFORMATION**

**1. Name** : Dr. S. LATHA

**2. Date of Birth** : 14.02.1975

**3. Address** :

Residential	Office
63/1,"Ahiles Niwas", Shakthi Nagar, Pandamangalam, Woriyur, Trichy-3 E-Mail: latha.it@cauverycollege.ac.in Mobile: 9965271006	Associate Professor, Department of Information Technology, Cauvery college for Women, Annamalai Nagar, Trichy -18.

**ACADEMIC INFORMATION**

**4. Designation & Department:** Associate Professor & Information Technology

**5. Educational Qualification :**

Degree	Year	College/University
B.Sc. -Chemistry	1995	Seethalakshmi Ramasamy College,Trichy
PGDCA	1996	Bishop Heber college, Trichy
MCA	2002	Madurai Kamaraj University
M.Phil.	2006	Bharathidasan University
NET	2017	UGC
PhD.	2021	Bharathidasan University

**6. Researcher ID:**

ORCID ID	GOOGLE SCHOLAR ID	PUBLON ID	VIDWAN ID
0000-0003- 2563-3560	1u6rIlgAAAAJ	publons.com/researcher/AAJ-4079- 2021/	205772

**7. Experience :**

Date of Joining	Institution	Year of Experience
05-07-2002	Cauvery College for Women	22

**8. Areas of Specialization : Network Security & Data Mining****9. Languages known : Tamil and English****10. Subjects Taught :**

<b>UG</b>	RDBMS, Programming in C++, Data Structures & Algorithms, Digital circuits & Design, Computer Applications in Biology, Software Engineering , Computer Architecture & Organization, Programming in Java, ASP Programming, Multimedia & Graphics, Computer Networks, VB Script, Dot Net, Visual Programming, Office Management Tools, PHP, Value Education, Environmental Studies, Principles of Information Technology, Artificial Intelligence
<b>PG</b>	Principles of Compiler Design, Digital Electronics & Microprocessors, Multimedia Technology, Mobile Communications, Distributed Technologies, Network Security, Advanced Paper in Computer Science, Research Methodology, Cryptography & Network security.
<b>M.Phil.</b>	Advanced Paper in Computer Science – Grid Computing, Research Methodology - Algorithm

**11. Research Supervision:**

	University from where guideship obtained	Thesis		
		Completed (in numbers)	Year of Completion	Pursuing (in numbers)
<b>M.Phil.</b>	Bharathidasan University	<b>19</b>	<b>2019</b>	--
<b>Ph.D.</b>	--			

**12. Details of Publications:**

Journal Name & Volume	Year of Publication	ISSN Number	Name of the Paper	Impact Factor
IEEE Xplore Digital	2017	ISBN: 978-1-5090-4559-4	A Survey on Network Attacks and Intrusion Detection System	0.03984

International journal of Pure and Applied Mathematics(IJPAM)	2018	1311-8080, Vol.118,Issue.9	HPFSM_ A high pertinent Feature Selection mechanism for Intrusion Detection System	0.388
Asian Journal of Computer Science and Technology(AJCST)	2019	2249-0701 Vol.8, Issue.2	IDSFS: A Signature based Intrusion Detection System with High Pertinent Feature Selection Method	
Asian Journal of Engineering and Applied Technology(AJEAT)	2019	2249-068X, Vol. 8,Issue.2	A Signature based Intrusion Detection System with HPFSM and Fuzzy Based Classification Method(IDSFSC)	
International Journal of Recent Technology and Engineering(IJRTE)	2019	2277-3878, Vol. 8, Iss. 3	Optimization of Rules for Intrusion Detection System(ORG-IDS)	5.92
<b>Springer –Chapter</b> International Conference on Smart Grid and Smart City Applications(AISGSC )	2019 (Online- Mar-2020)	ISBN: 978-3-030-24051-6	Vaguely Node Classification Scheme for Wireless Network to design an Intrusion Detection System	
Parishodh Journal	2020	2347-6648 Vol. 9, Iss. 3	LATSIN IDS and Framework for Network Security	<b>6.3</b>
The Scientific Temper	2023	E-ISSN: 2231-6396, ISSN: 0976-8653, Vol. 14 (3): 852-858	IoT based home automation with energy management	<b>4.54</b>

### 13. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
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6 & 7 <sup>th</sup> June- 2017	Sri Eshwar College of Engineering, Coimbatore. (IEEE sponsored)	Fourth International Conference on Advanced Computing & Communications System(ICACCS-17)	A Survey on Network Attacks and Intrusion Detection System
3-5 Jan- 2019	PSG College of Technology, Coimbatore. (Springer & IEEE sponsored)	International Conference on Artificial Intelligence, Smart Grid and Smart City Applications	Vaguely Node Classification Scheme for Wireless Network to design an IDS

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

Year & Date	Organizer	Title	National / International	Topic
20 <sup>th</sup> - 21 <sup>st</sup> Feb '09	Holy Cross College, Trichy.	Conference	National level	Advanced Computing and Communication Technologies
27 & 28 <sup>th</sup> March '09	Jamal Mohamed College, Trichy.	Conference	National level	Advanced Computing
6,7 & 8 <sup>th</sup> August '09	Cauvery college for women	Conference	International level	Advanced Computing
29 & 30 <sup>th</sup> Sep '09	Cauvery college for women	Conference	National level	Cloud Computing
27 <sup>th</sup> Aug '14	ICTACT Technology Summit	Bridge 2014	National Level	Bridge 2014
13 <sup>th</sup> Aug '15	CII (Confederation of Indian Industry)	EDUSKILL	State Level	EDUSKILL
4 <sup>th</sup> Mar '17	K. Ramakrishnan College of Engineering, Trichy	One Day Workshop	--	Big Data with Hadoop, HDFS and MapReduce
22 & 23 <sup>rd</sup> Sep '17	St. Josephs' College, Trichy	Workshop	National Level	Predictive Analysis
24 <sup>th</sup> Aug '2018	Bharathidasan University	Workshop	National Level	Research Intelligence and Scholarly Publishing
20 <sup>th</sup> Dec '2018	Cauvery College for Women	A one day workshop on "Microsoft's One Note"	-	"Microsoft's One Note"

5 – 10 June 2019	Cauvery College for Women	Workshop		Capacity Building workshop on e-Content development
14th & 15th October, 2023	IIT Chennai	Workshop	International	Design Thinking: Developing Insights, Framing & Reframing the Problem, Mapping the Context”
9th & 10th January, 2024	Department of Commerce, Bishop Heber College (Autonomous), Trichy	Conference	International	“Artificial Intelligence- Adoption and Application in Business”

**15. Details of Seminars / Conferences / Workshops Organized:**

Date	Title	National / International	Topic
6,7 & 8 <sup>th</sup> August'09	International level Conference on Advanced Computing	International	Advanced Computing
29 & 30 <sup>th</sup> Sep'09	National level Conference on Cloud Computing	National	Cloud Computing

**16. Details of Orientation / Refresher Course Attended:**

Date	Title of the Course	Organizer
8 <sup>th</sup> May – 4 <sup>th</sup> June '12	Orientation course (UGC Sponsored)	Centre for Distance Education, Bharathidasan University.
17 <sup>th</sup> Feb '12	One Day Orientation Programme for Placement Officers	Bharathidasan University

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

**18. Details of Chairing as Resource Person:**

Acted as resource person for Association Inauguration, Department of B.VOC-ICT at National College (A utonomou) on 05.09.2022.

TOPIC: MY FUTURE.... WHAT! WHERE!! HOW!!!

**19. Administration Positions held in the College: NIL**

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

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

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

<b>Nature of Activity</b>	<b>Period of Incharge</b>
Placement Officer	2006 – Till date

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

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

**a. Examiner:**

<b>Examiner</b>	<b>University / Autonomous Colleges</b>
Practical Examiner	Bharathidasan University.
Practical Examiner	National College,Trichy-1.
Practical Examiner	Thanthai Hans Roever College, Perambalur
Practical Examiner	Bishop Heber College(A), Trichy

**b. Question Paper Setter For University / Autonomous Colleges:**

Sri Kaleeswari College, Sivakasi(Autonomous)	Jamal Mohamed college, Trichy
S. Vellaichamy College, Madurai	St.Joseph's College, Trichy
Bishop Heber College (Autonomous), Trichy	Thanthai Hans Roever College, Perambalur
Selvam Arts and Science College, Namakkal	Sri Krishna College, Coimbatore
Vellalar College for Women, Erode.	Sri G.V.G. Visalakshi College(A), Udumalpet
Thiagarajar College, Madurai	National College(A),Trichy-1.

**24. Details of Membership of Professional Bodies:**

Member of Indian Society of Systems for Science & Engineering (ISSE)

**25. Country visited: NIL**

**26. Any other information if any:**

- **Has completed Swayam Arpit Online Course Faculty Development Programme on “Student Assessment and Evaluation” 30.03.2019.**

- **Acted as a judge for Camp Expo-2019-Science Exhibition at Campion Hr. Sec. School, Trichy on 19.12.2019**

