



**FACULTY PROFILE**

<b>Name</b>	<b>Dr. N. GAYATHRI DEVI</b>					
<b>Gender</b>	FEMALE	<b>Date of Birth</b>	07-06-1984	<b>Age</b>	42	
<b>Present Designation</b>	Associate Professor		<b>Regular / Adjunction</b>	REGULAR		
<b>Date of Joining</b>	04-04-2025					
<b>Mobile No.</b>	9443588493		<b>Email</b>	gayathridevi.it@cahcet.edu.in / gayathriatcahcet@gmail.com		
<b>Highest Educational Qualification</b>	Ph.D		<b>Specialization</b>	CSE		
<b>Additional Qualification</b>	GATE/NET/SLET	NIL				
<b>Total working Experience</b>	10 Years 2 months	(i) Teaching	: 10 Years 2 months			
		(ii) Industry	: NIL			
<b>Publications</b>	<b>Journals</b>	09	<b>International Journals</b>	09	<b>National Journals</b>	NIL
	<b>Conferences</b>	22	<b>International Conferences</b>	13	<b>National Conferences</b>	09
<b>No. of Patent</b>	01- IOT Based Cholesterol Monitoring Device (Design number: 6319725) – Published 02- ML-Enabled Noise Pollution Monitoring in Urban Environment (App No: 202541121398) – Published 03- AI- based mental Fatigue Detector for Workers (App No: 202541120906) - Published					
<b>No. of Books</b>	01- Machine Learning Fundamentals and Techniques in Veritaz International Press (2026) ISBN: 978-93-47597-05-3 02- Computer Networks - Concepts and Fundamentals in Pencil Bitz (2025) ISBN: 978-93-48556-79-0					
<b>No of Workshops/Seminars/Webinar/ FDP / NPTEL / STTP attended</b>	WORKSHOPS - 24 SEMINARS - 02		WEBINAR - 09 FDP - 70		NPTEL - 07	
<b>No of Workshops/Seminars/Conferences / FDP /Symposium organized</b>	NIL		NIL			
<b>No of UG / PG / Ph.D Guidance:</b>	UG: 15		PG: 06			
<b>Membership in Professional Bodies</b>	ISTE, A M I E E , IAENG, Internet Security, CSTA					
<b>Awards / Recognition Received</b>	Cash Award for Placement Coordinator					



<b>Other Responsibilities, if any</b>	<ol style="list-style-type: none"> <li>1. Research and Development Coordinator</li> <li>2. R &amp; D Cell Idea Cafe in IIC Activity Coordinator</li> <li>3. SIH Coordinator</li> <li>4. Placement Coordinator</li> </ol>	<ol style="list-style-type: none"> <li>5. Mini Project Coordinator</li> <li>6. Budget Coordinator</li> <li>7. Internship/ In plant Training Coordinator</li> <li>8. Alumni Association Coordinator</li> <li>9. Stakeholder Feedback Coordinator</li> </ol>
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**JOURNAL DETAILS**

<b>S.No</b>	<b>Title of the Paper</b>	<b>Journal Name, Volume No. Pages, DOI</b>	<b>Published Year</b>
1.	Adaptive Reinforcement Learning with Improved Artificial Bee Colony Optimization for Personalized and Enriched News Recommendation	Journal of Machine and Computing 5(4)(2025) ISSN: 2788-7669 <a href="https://doi.org/10.53759/7669/jmc202505164">https://doi.org/10.53759/7669/jmc202505164</a> (Scopus Indexed Impact Factor – 7.595)	2025
2.	Enhancing Malware Detection Using Hybrid Feature Selection Techniques In Predictive Models	Journal of Theoretical and Applied Information Technology Vol.103. No.19 E-ISSN: 1817-3195 <a href="https://www.jatit.org/volumes/hundredthree19.php">https://www.jatit.org/volumes/hundredthree19.php</a> (Scopus Indexed)	2025
3.	Financial Planning & Assistance With Naha Chatbot	Library Progress International, 44(3), 18154-18158. <a href="https://doi.org/10.48165/bapas.2024.44.2.1">https://doi.org/10.48165/bapas.2024.44.2.1</a> (Scopus Indexed, Impact Factor – 5.968)	2024
4.	Feature Selection using Elephant Herd Principal Component Optimization Technique in Big Data Streams using Internet of Things	International Journal of E-Collaboration 18(2), 1-14. DOI: 10.4018/IJeC.304041 (IGI Global, Scopus Indexed)	2022
5.	Performance Analysis of Hybrid Classification System Model for Big Data Stream Using Internet of Things	International Journal of System of Systems Engineering 11(3-4), 336-351. <a href="https://doi.org/10.1504/IJSSE.2021.121438">https://doi.org/10.1504/IJSSE.2021.121438</a> (Inderscience)	2021



		Publisher, Scopus Indexed)	
6.	Improved perturbation technique privacy preserving rotation-based condensation algorithm for privacy preserving in big data stream using Internet of Things	Journal of Transactions on Emerging Telecommunications Technologies 31(12), 16-28. <a href="https://doi.org/10.1002/ett.3970">https://doi.org/10.1002/ett.3970</a> (Wiley, SCIE, Impact Factor-2.638)	2020
7.	A Review On Privacy Measures And Techniques In Big Data	International Journal of Pure and Applied Mathematics 118(9), 195-202. (Scopus Indexed)	2018
8.	Securing internet by eliminating DDOS attacks	IOP Conference Series: Materials Science and Engineering 263(4), 1-12. DOI:10.1088/1757-899X/263/4/042099 (Scopus Indexed)	2017
9.	A Cloud Based SOA for Agricultural Modernization	International Journal for Research in Emerging Science and Technology 3(1), 15-19.	2016