FACULTY PROFILE

Name	Mrs. G. Pushpa Antanet Sheeba				
Gender	Female	**Date Of Birth**	27-08-85	**Age**	40
Present Designation	Assistant Professor		**Regular / Adjunction**	Regular	
Date of Joining	1-12-2025				
Mobile No.	9962122115		**Email**	pushpaantanetsheeba@cahcet.edu.in	
Faculty Code	**Given By AU COE**	5108318	**Given By AICTE**		
Highest Educational Qualification	ME,MBA		**Specialization**	Computer Science and Engineering & HRM	
Additional Qualification	GATE/NET/SLET	Nil			
Total working Experience	14 years	(i) Teaching : 14 years			

Publications	**Journals**	4	**International Journals**	4	**National Journals**	Nil	
	Conferences	11	**International Conferences**	7	**National Conferences**	4	

No. of Patent	-
No of Workshops/Seminars/Conferences/ FDP attended	FDP:9 WORKSHOP:6 SEMINAR:2 Conference:11
No of Workshops/Seminars/Conferences/ FDP organized	Seminar-2 Conference-1 FDP-1
No of UG / PG / Ph.D Guidance:	- 17
Membership in Professional Bodies	-IAENG, NSF, CSTA
Awards / Recognition Received	Special Appreciation certificates received from SPELL BEE, UNIFIED COUNCIL, TERI
Other Responsibilities, if any	Counsellor, Class in-charge.

Journal,Conference and Project details:

- Received the **Best Paper Presentation award** under the Faculty – External Category for my research paper titled "A Data-Driven Hybrid Machine Learning and Deep Learning Approach for Remaining Useful Life Prediction of Aircraft Turbofan Engines in Condition-Based Predictive Maintenance Systems." This recognition was awarded at the International Conference on Interdisciplinary Technologies in Research and Artificial Intelligence (ICITRAI 2025), jointly organized by The Tamil Nadu Dr. Ambedkar Law University (TNDALU), Chennai, and RSP Research Hub, Coimbatore, held on **28–29 November 2025**.

- Presented paper at International Conference on Innovation in Computing and Technology ICICT titled Deepfake detection in multimedia and forensics: A hybrid CNN approach with Efficientnet and YOLO at Vellamal Institute of Technology on 5th April 2025

- Presented paper at 5th International Conference on Technology and Advancement in computing applications titled, A full stack java script based framework based crime reporting system with SSR and SSG capabilities at CAHCET vellore on 16th May 2025

- Presented paper at 5th International Conference on Technology and Advancement in computing applications titled A stacked ensemble approach for multi class classification of NAFLD and AFLD using synthetic patient data at CAHCET vellore on 16th May 2025

- Presented paper at 5th International Conference on Technology and Advancement in computing applications titled A study on synthetic data generation for improved machine learning performances under data constraints CAHCET vellore on 16th May 2025

- Publication of paper titled Prediction of fashion outfit composition using deep learning under paperID IJITETCS00918 in International Journal of Innovative Trends and Emerging Technologies, volume 2, issue 1, mar-2018

- Presented paper at Third international conference on Innovative Trends in Engineering and Technology SKEC, titled Prediction of Fashion Outfit composition using deep learning on 23 mar-2018

- Publication of paper titled, An Accurate Classifier for Detecting the Ecosystem of Malicious Applications on Online Social Networks using MADE in International Journal of Engineering and Techniques, volume3, issue2, 2017

- Publication of paper titled Three Stage Secured Cloud Proffering Environment with Privilege Performance Results Using Hardware Security Model in International Journal of Innovative research in Computer and Communication Engineering, volume 5, issue 3, mar-2017

- Presented paper titled Enhancing IOT Analytics with BIG DATA integration for smart city Applications at National Conference on Emerging Technologies mar,2017

- Presented paper titled Optimizing resource management in IOT systems using BIG DATA analytics at National Conference on Emerging technologies mar,2017

- Presented paper titled Automated Embedded Technology for Smart Irrigation Using Arduino Controller at National Conference on Innovative Technologies and Advance Computing, SKP Engineering college, mar-2016

- Publication of paper titled Automated Embedded Technology for Smart Irrigation Using Arduino Controller in International Journal of Science Engineering and Applied Science, volume 2, issue 3, mar-2016

- Presented paper titled Multi cast Authentication using batch signature in 2nd International Conference on Information Processing, Security and Communication at ST'Peter's University Chennai April-2012

- Worked as JRF in the project Image processing of X-ray Radiography Exposures by **ISRO -RESPOND at SCOPE -VIT** from June 2023 to Aug 2024

- Worked on the project titled -To Evaluate Parallelly the Amplitude and Frequency Aerodynamics of a weather forecasting satellite at **DRDO-BANGALORE** during Jan -may 2006