



Government of Puducherry
Tagore Government Arts and Science College
 Accredited at "A" Grade by NAAC
Puducherry – 605008



Faculty Profile

1	Name		:	Dr. C. Calarany	
2	Designation		:	Assistant Professor of Computer Science	
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4	Date of Birth		:	18/12/1967	
5	Date of Joining in Regular Service		:	03/01/2013	
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8	Academic Record		:		
	Degree	Branch	University		Class
	B.Sc	Physics	Madras University		First Class
	M.C.A	Computer Applications	Pondicherry University		First Class
	M.Phil	Computer Science	Manonmaniam Sundaranar University		First Class
	Ph.D	ComputerScience and Engineering	Pondicherry University		-
	SET	Computer Applications	Bharathiar University		-
9	Awards/ Fellowships		:		
	Name of the award/ Fellowship		Year	Agency	
	Nil		-	-	
10	Publication		:	In Vancouver style	
	1. C. Calarany, R. Manoharan, “An Efficient Evaluation of Bi-Objective Optimization of Path Stability Model for MANET using EN ² RP,” Journal of Computational and Theoretical Nanoscience, Vol. 16, pp. 1454-1464, 2019 (Scopus Indexed, UGC approved Journal)				
	2. C. Calarany, R. Manoharan, “Path Stability Prediction based on Grey Model (PSPGM)for reliable unicast routing in MANET”, Jour of Adv Research in Dynamical & Control Systems, Vol. 10, No. 03, pp. 679-682, 2018 (Scopus Indexed, UGC approved Journal)				
	3. C. Calarany, R. Manoharan, “Path Stability Prediction for stable routing using Markov chain Model in MANETs, International Journal of Engineering and Technology,” Vol. 7, No. 04, pp. 94-100, 2018 (Scopus Indexed)				
	4. C. Calarany, R. Manoharan, “Fuzzy Logic Based Path Stability Forecasting Scheme for Improving Data Dissemination in MANET,” International Journal of Engineering and Advanced Technology, vol. 9, no. 03, pp. 2768-2775, 2020. (Scopus indexed, UGC approved Journal)				
	5. C. Calarany, KS Kumari, P Kanmani, SR Ramya, D Suganya ,”Secure and Trustworthy Healthcare for the Elderly with Blockchain-Enabled Pervasive Systems”, International Conference on Innovation, Sustainability, and Applied Sciences, Springer Nature (Signals and Communication Technology), pp.303-312, 2023 (Scopus Indexed)				
	6. C. Calarany , M Indumathy, P Senthilraja, D Suganya, VG Vardha , “Successful Integration of IoT and Blockchain Technologies Using Several Machine Learning Algorithms “,IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT), IEEE ,pp. 1980-1984 2024, (Scopus Indexed)				
	7. K Shantha Kumari, S Udhya Shree, C. Calarany , “Integrating Multimodal AI Models for Enhanced Oral Cancer Detection and Diagnosis”, International Conference on Integrated Intelligence and Communication Systems, IEEE , pp.01-06, 2024 (Scopus Indexed)				
10	Membership in Professional bodies		:		
	Nil				