



Dr. U. Urathal Alias Sri Swathiga, MCA., M.Phil., SET., Ph.D.

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Dr. U. Urathal Alias Sri Swathiga, is an accomplished academician with **over 25 years of teaching experience in Computer Science**. She is currently serving as an **Assistant Professor and Head in the Department of Computer Science with Artificial Intelligence** at Dharmamurthi Rao Bahadur Calavala Cunnan Chetty's Hindu College, Pattabiram, Chennai.

She obtained her **Ph.D. in Computer Science** from Dravidian University, Andhra Pradesh. She completed her **M.Phil. in Computer Science** from Periyar University, Salem, and **MCA and B.Sc. Computer Science** from Standard Fireworks Rajaratnam College for Women, Sivakasi, affiliated with Madurai Kamaraj University. She also qualified the **State Eligibility Test (SET)** conducted by Mother Teresa Women's University.

Dr. U. Urathal Alias Sri Swathiga has extensive teaching and research interests in **Artificial Intelligence, Machine Learning, Programming Languages, Wireless Sensor Networks, and Emerging Technologies**. She adopts **modern e-learning methodologies** such as LMS Canvas, YouTube educational content, EdPuzzle, Kahoot, and Socrative to enhance interactive learning and improve students' academic performance.

She has **published several research papers in UGC CARE listed journals and international journals**, covering areas such as Artificial Intelligence, Wireless Sensor Networks, online learning technologies, and e-commerce analytics. She has also published **three academic books** titled *Python Programming Made it Simple*, *Java Programming Made it Simple*, and *Artificial Intelligence: Agentic AI* in 2025. In addition, she holds **multiple patents** related to **Artificial Intelligence, IoT-based smart systems, and wireless communication technologies**.

Dr. U. Urathal Alias Sri Swathiga received the prestigious **Sir C. V. Raman Scientist International Award – 2023** in recognition of her contributions to education, research, student welfare, and academic service.

Apart from teaching and research, she has actively contributed to academic administration and student development. She is also serving as the Additional Coordinator of the College, **SPOC for SWAYAM-NPTEL** Local Chapter and the **Naan Mudhalvan** course conducted by the Government of Tamil Nadu, Coordinator for e-learning initiatives, organizer of **IIT Bombay Spoken Tutorial programs**, and convenor for several institutional

committees including **IQAC–NAAC, Anti-Ragging, Disciplinary Committee, and Student Grievance Redressal Cell.**

She has organized **international conferences, national conferences, workshops, digital literacy programs, and intercollegiate competitions**, demonstrating strong leadership in academic planning and institutional development. Dr. U. Urathal Alias Sri Swathiga continues to mentor students in **MOOCs, research projects, and industry readiness programs**, promoting innovation and technology-driven learning in higher education.