**Sowmiya S**
No.19, Street, Block B ,
Ruvi Apartments,
Chrompet Salai,
Nanmagalam
E-Mail ID: sowmiyadinesh30@gmail.com

## CAREER OBJECTIVE:

To excel as an Assistant Professor in Computer Science and Engineering by fostering critical thinking, inspiring innovation, and promoting academic excellence. I strive to contribute meaningfully to institutional growth while cultivating an engaging and inclusive learning environment that supports students' intellectual and personal development

## ACADEMIC CREDENTIALS:

| Course | Institution | University / Board | Year of Completion | Percentage of Marks/CGPA |
|---|---|---|---|---|
| M.E(CSE) | Prince Dr.K Vasudevan College of Engg &Technology | Anna University | 2023 | 85 |
| B.E(CSE) | A.V.C College of Engineering | Anna University | 2013 | 80.7 |
| HSC | Srinivasa Higher Secondary School,Melaiyur. | State Board | 2009 | 81% |
| SSLC | Srinivasa Higher Secondary School, Melaiyur | State Board | 2007 | 79% |

## EXPERIENCE:

OCT 2023 – Till Date

Assistant Professor at Prince Shri Venkateshwara Padmavathy Engineering College

## PROFESSIONAL SKILLS:

- Highly adaptable and collaborative in dynamic environments
- Strong team player with a cooperative mindset
- Skilled in active listening to enhance understanding and rapport
- Effective verbal and written communication abilities
- Proficient in managing time and meeting deadlines efficiently

**TECHNICAL SKILLS:**

- Data Structures
- Database Management Systems
- Artificial Intelligence and Machine Learning
- Data Science
- HTML and CSS
- Python

**UG ACADEMIC PROJECT:**
- Customized Content Dissemination Over Distributed Network

**PG ACADEMIC PROJECT:**
- An Efficient machine learning algorithms for crop cultivation based on soil and weather conditions

**CERTIFICATIONS:**
- Redhat Certified System Administrator Exam certification issued by the Redhat Linux

**CONFERENCE:**

- Presented Paper titled , "Real-Time Text Classification Algorithm Based On Combined Machine Learning Models", IEEE International Conference on Recent Advances in Science and Engineering Technology, ICRASET 2024, 10.1109/ICRASET63057.2024.10895281
- Presented Paper titled, "Energy Efficiency in 5G Networks Using Gaussian Mixture Models" ,2024 IEEE International Conference on Communication, Computing and Signal Processing, IICCCS 2024, 10.1109/IICCCS61609.2024.10763881
- Presented Paper titled, "Fast and Secure Coding for Wireless Networks", 2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024, 10.1109/ICCCNT61001.2024.10725574
- Presented Paper titled ,"The Creation of Intelligent Surfaces for the Purpose of Next-Gen Wireless Networks", 2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024, 10.1109/ICACITE60783.2024.10616689
- Presented Paper titled," An Intensive Review on 6G and its Future Technological Developments using New Technology Integration", 2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024, 10.1109/ICACITE60783.2024.10616792
- Presented Paper titled," An Innovative Method for Paddy Yield Prediction Based on DCNN-ELM Approach", 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2024, 10.1109/IDCIoT59759.2024.10467772
- Presented Paper titled," Refining Heart Disease Diagnosis with Machine Learning: Techniques for Optimal Medical Outcomes", IEEE International Conference on Recent Advances in Science and Engineering Technology, ICRASET 2024, 10.1109/ICRASET63057.2024.10895833
- Presented Paper titled," Hybrid ANFIS Model For Depression Recognition Consuming Three-Channel EEG Data",IEEE International Conference on Recent Advances in Science and Engineering Technology, ICRASET 2024, 10.1109/ICRASET63057.2024.10895792
- Presented Paper titled," Effective IOT Attack Detection with Optimal Feature Selection and Random Forest: Performance Enhancement using Spider Monkey Optimization", IEEE International Conference on Recent Advances in Science and Engineering Technology, ICRASET 2024, 10.1109/ICRASET63057.2024.10895240
- Presented Paper titled,"Design and Development of Electric Vehicles using Smart Charging with

Battery Power Auto Cut-Off Facility", 2023 Global Conference on Information Technologies and Communications, GCITC 2023, 10.1109/GCITC60406.2023.10426618

## FACULTY DEVELOPMENT PROGRAMME:

- ATAL FDP on "Artificial Intelligence Edge-Soft Computing" at Dr.Sivanthi Adithanar College of Engineering.
- ATAL FDP on "AI and Quantum Computing:Glimpsing the Near Future" at Sri Sairam Engineering College
- FDP on "The Art of Research and Development" at S.A Engineering College
- FDP on " Recent Advancements in Artificial Intelligence" at Jerusalem College of Engineering

## EVENTS AND WORKSHOPS:

- Attended Workshop in Prist University, Kumbakonam.
- Attended IPT in Accel Frontline ltd., Chennai and Bluechip Technologies., Trichy.
- Participated in QUIZ at Karpagam *Engineering College* and went to Final round.

## CO-CURRICULAR ACTIVITIES:
- Participated in various cultural events
- Member of YRC
- Participated School level debate and essay competition and received applauds

## PERSONAL DETAILS:
Father's Name: Saminathan K.
Mother's Name: Sowmiya S.
Date of Birth: 24.09.1992.
Languages known: English, Tamil.

## DECLARATION:
I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Chennai

Date :

[Sowmiya S]