

Sri Sai Ram Engineering College
Department of Artificial Intelligence & Data
Science

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| <p>Name: Mr.V.Arun</p> |  |
| <p>Designation:</p> | <p>Associate Professor</p> |
| <p>Qualification:</p> | <p>ME , Pursuing Phd (SRM Institute Of Science & Technology)</p> |
| <p>Area of Specialization:</p> | <p>Cloud Computing</p> |
| <p>Experience:</p> | <p>Teaching- 15 yrs</p> |
| <p>Number of Workshops/ Conferences/ FDP Attended:</p> | <p>WORKSHOPS-2(Attended) FDP-15 (Attended) ,</p> |
| <p>Publication:</p> | <p>Journal: Scopus – 04 Patents: 06</p> |
| <p>General:</p> | <p>Department Placement coordinator Department Edumate incharge Skill Rack Coordinator Sail Incharge</p> |

Experience:

| S. No | Name of the Institution | Designation | Department | Period of Experience |
|-------|---|----------------|------------|------------------------|
| 1. | SRM Institute Of Science & Technology,Ramapuram | Asst Professor | CSE | JUNE 2017 - MARCH 2021 |
| 2. | Aalim muhammed salegh college of engineering | Asst.Professor | CSE | JULY 2012 - MAY 2016 |
| 3. | GRT Institute of Engineering & Technology | Asst.Professor | CSE | MAY 2011 - MAY 2012 |
| 4. | Indira Institute of Engineering & Technology | Lecturer | CSE | JULY 2009 - MAY 2011 |

Theory Subjects Handled:

- 1.Design and Analysis Of algorithms
- 2.Theory Of Computation
- 3.Artificial Intelligence
- 4.Data Structure & Algorithms
- 5.Software Engineering
- 6.Computer Architecture & Organization
- 7.Software Project Management
- 8.Fundamentals Of Computer Programming
- 9.Object Oriented Analysis & Design

Publications:

| S. No | Paper Title | Journal Details | Publication details (Vol/Edition/Year and month of publication) |
|-------|---|---|--|
| 1. | Hybrid deep reinforcement learning and genetic algorithm-based resource allocation framework for edge computing | Peer-to-Peer Networking and Applications (Q2 Journal) | Volume 18, article number 320, November 2025 |
| 2 | Design of Long-Term Evolution Based Mobile Edge Computing Systems to Improve 5G Systems | Published in IEEE Explorer | 16 th August 2023 |
| 3 | SWEEPEASE – A customized Robot Vacuum for Individuals with Mobility Challenges | International Journal of Novel Research and Development | Volume 9, Issue 3, March 2024 |
| 4 | Crop Recommendation and Yield Prediction using best machine learning practices | International Journal of Progressive Research In Engineering Management and Science (IJPREMS) | Volume 4, Issue 3, March 2024 |
| 5 | Enhancing Quality of Life: Design and Implementation of an Integrated Assisted Robot for Elderly Care | International Journal of Creative Research Thoughts | Volume 12 , Issue 4 , April 2024 |
| 6 | Review on Smart Shopping Carts using RFIDs, AI and IoT | International Journal for Modern Trends in Science and Technology | Volume 8, Issue 9 , September 2022 |
| 7 | Emotion prediction using semantic analysis neural networks | Journal Of Advanced Research In Dynamical And Control Systems | Volume 11, 04- Special Issue May 2019 |
| 8 | Water pollution monitoring using IOT | International Journal Of Innovative Technology and Exploring Engineering | Volume 8 May 2019 |
| 9 | Deep learning Hyper parameter optimization for video analytics in centralized system | International Journal Of Engineering And Advanced Technology | Volume 9 Issue 1, October 2019 |
| 10 | E-voting using a Decentralized Ethereum Application | International Journal Of Engineering And Advanced Technology | Volume 8 Issue 4 April 2019 |

DECLARATION

I do hereby confirm that the information given in this form is true to the best of my knowledge and belief.

V. ARUN