



**1. NAME AND ACADEMIC RANK:** Mr. G. Senthil Velan,  
Assistant Professor

**2. EDUCATION:**

PhD Computer Science & Engg, pursuing St. Peter's Institute of Higher Education and Research , Chennai  
MTech Computer Science & Engg,2008 Dr MGR Educational and Research Institute, Chennai  
M.Sc. Information Technology,2003 Alagappa University, Karaikudi.  
B.B.M Banking Management,1999 Madras University, Chennai  
D.C.S.E Computer Science & Engg,1994 Rajaji Institute of Tech., Salem. (DOTE)

**3. ACADEMIC EXPERIENCE:**

2008 – Present Assistant Professor, Computer Science & Engineering Department, Dr. M.G.R. Education and Research Institute, Chennai, full time  
2007 – 2008 Lecturer , Computer Science & Engineering Department, Vels Academy of Maritime Educational & Training, Chennai, full time  
2004 - 2007 Lecturer , Computer Science & Engineering Department, Sree Sastha Institute of Engg. & Tech, Chennai, full time  
2003 - 2004 Software Trainer, Asterix Technology Solution, Chennai

**4. NON-ACADEMIC EXPERIENCE:**

May 07 – Aug 07 Software Developer, Inlogic Bizcom Pvt. Ltd, Chennai, Chennai,

**5. CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS:**

- Python Core certification by Sololearn, April 2020.
- jQuery certification by Sololearn, April 2020.
- SQL Certification by Sololearn, April 2020.
- C# Certification by Sololearn, April 2020.
- C# Basics for Beginners: Learn C# Fundamentals by Coding Certification by Udemy, April 2020.
- Complete Python Developers in 2020: Zero to Mastery by Udemy, May2020.
- MCTS(Microsoft Certified Technology Specialist In ASP.Net 2.0)
- Dreamweaver Tutorial for Beginners: Introduction to Web Design by BitDegree, April2020.
- Absolute Guide: Linux Tutorial for Beginners by BitDegree, May 2020.

**6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:**

- Computer Science of India (CSI), Member

## 7. HONORS AND AWARDS:

NIL

## 8. SERVICE ACTIVITIES:

- Various Academic and Administrative Committees at DrMGRERI
- Coordinator for MGRIMS
- Coordinator for CSI-MGR Chapter

## 9. PATENT

- CHRONIC DISEASE MONITORING HEALTHCARE ASSISTANT patent filled on 07/08/2024

## 10. PRINCIPAL PUBLICATIONS OF LAST FIVE YEARS (2019-2024):

- **G. Senthil Velan**, K. Somasundaram, V.N Rajavarman, “An Experimental Evaluation Of Clustering And Classification Of High-Speed Dimensional Data Stream In Dynamic Feature Selection”, Journal of Management Information and Decision Sciences Volume 25, Special Issue 2, 2022.
- S. Geetha, P. Dinesh Kumar, **G. Senthil Velan**, D. Syed Ali, N. Kanya, “Big Data Analysis -Cybercrime Detection in Social Network”, Jour of Adv Research in Dynamical & Control Systems, Vol. 12, 04-Special Issue, 2020
- **G.SenthilVelan**, K. Somasundaram, Dr. V.N Rajavarman, “An Innovative Algorithm for Adaptive Data Stream Clustering”, Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 8, July 2021: 772-787
- **G.Senthil Velan**, K. Somasundaram, V. Cyril Raj, “Clustering And Classification of High Speed Dimensional Data Stream in Dynamic Feature Selection”, International Journal of Advanced Science and Technology, Vol. 29, No. 8s, (2020), pp. 3006-3014
- **G.Senthil Velan**, D.Syed Ali, T.Yuvarani, P. Dineshkumar, “Data Collision of incomplete unlabelled ambiguous big data investigation”, International Journal of Advanced Science and Technology Vol. 29, No. 8s, (2020), pp. 2939-2943.
- **SENTHIL VELAN G.,B. SHANTHINI,V. CYRIL RAJ**, “**REAL-TIME HIGH-SPEED HIGH DIMENSION DATA STREAMING AND FEATURE EXTRACTION ON EDGE COMPUTING DEVICES IN INDUSTRIAL INTERNET OF THINGS (IIOT)**”, **INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING(IJISAE), 2023, 11(11S), 276–284**
- S.Srinidhi, **G.Senthilvelan**, “Raspberry Pi 3 Model B+ Based Weather Forecasting Using Internet of Things (IoT)”, Drugs and Cell Therapies in Hematology (ISSN: 2281-4876) Volume 10 Issue 2 2021.

### **Book Chapters**

- F. Antony Xavier Bronson, V. Sai Shanmuga Raja, Saravanan Elumalai, G. Senthil Velan, P. Solainayagi, Chapter Title: Integrated Storage Allocation and Privacy Preserve Deduplication Process over Cloud Using Dekey Method, Book Tittle Convergence of Deep Learning and Artificial Intelligence in Internet of Things, Taylor & Francis, CRC Press, Chapter 3|26 pages.

- Francis Antony Xavier Bronson, Xavier Francis Jency, Vairamani Sai Shanmugaraja, Saravanan Elumalai, Gowrishankar Senthil Velan, Elimination and Restoring Deduplicated Storage for Multilevel Integrated Approach with Cost Estimation, Book Title: Mobile Radio Communications and 5G Networks, Book Subtitle :Proceedings of Third MRCN 2022, Series Title: Lecture Notes in Networks and Systems, DOI: <https://doi.org/10.1007/978-981-19-7982-8>, Publisher: Springer Singapore

**11. PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS:**

- “Emerging Research Trends in Engineering and Technology”, Faculty Development Program conducted by “Kings Engineering College, Jan 04-11,2024.
- Latest Trends and Techniques in Software Engineering : An Industry Perspective”, FDP organized by CHRIST University. Bangalore, Jan 20-27,2024
- “Research - The Journey from Inception to Publishing”, FDP organized by Dhanraj Baid Jain College, Chennai, February 05-09,2024.
- “Hybrid Education for Pedagogical Success ”, FDP Organized by Saveetha College of Liberal Arts and Sciences, SIMATS. January 09-13,2024.
- “AI Insights: Predictive Power of ML, DL & NLP” Organized by the Department of AI&ML, Sphoorthy Engineering College, May 14 – 18, 2024.
- “Emerging Trends in Data Analytics”, FDP Organized by Saveetha College of Liberal Arts and Sciences, SIMATS, Chennai., January 22-26,2024.
- “Recent Advances in Biomedical Applications and Communication Networks”, FDP Organized by GMR Institute of Technology, AP, India, July 13 – 18, 2020.
- "Artificial Intelligence Applications through Machine Learning" organized by the Balaji Institute of Technology & Science, Warangal, July 14 – 18, 2020
- “Machine Learning and Deep Learning-Research and Application Perspectives”, ”SRM Institute of Science and Technology, Chennai. April 26 – 30,2020.
- “ML/DL by Using Colab and KNIME-A Road Map” Organized by CMR Engineering College, Hyderabad, June 01 – 05, 2021.
- “Multi Technologies”, organized by Aarupadai Veedu Institute of Technology, Chennai, 28-06-2021 to 03-07-2021.
- “Cyber Security & Digital Forensics” organized by the Sree Saraswathi Thyagaraja College, Pollachi, June 16 - 22, 2021