Mr.P.Suresh Babu, B.Tech, M.E.

Asst.Professor and IT Velammal College of Engineering and Technology, Madurai e-Mail Id: psb@vcet.ac.in Blog Address: <u>https://sureshvcetit.wordpress.com/</u>

Educational Qualification:(will be either in Table (or) Paragraph starting with Higher Degree)

S.No	Degree	Institution	University	Completion of Degree
1	M.E. – Computer and Communication Engineering	Tamilnadu College of Engineering	Anna University	2011
2	B.Tech – Information Technology	Coimbatore Institute of Engineering and Information Technology	Anna University	2009

Experience in Years: 11 Years

Employment History: (will be either in Table (or) Paragraph starting with current employer)

- Working as Assistant Professor at Velammal College of Engineering and Technology in the Department of Information Technology from June 2014.
- Worked as Assistant Professor at Velammal Institute of Technology from June 2011 to May 2014.

Interested Research Areas:

- Deep Learning
- Image Processing

Publications Details:

1. International Journal Publication Details:

- Published a paper titled "Lung Cancer Detection using GLCM and Convolutional Neural Network" in International Research Journal of Engineering and Technology(IJRET), Vol 7, Issue 3, March 2020. e-ISSN: 2395-0056, p-ISSN: 2395-0072.
- Published a paper titled "Sentimental Analysis of Reviews and Ratings in Retail Shops" in International Research Journal of Engineering and Technology(IJRET), Vol 7, Issue 4, April 2020. e-ISSN: 2395-0056, p-ISSN: 2395-0072.

- Published a paper titled 'Facial Expression Recognition using Deep Learning' in International Journal of Engineering Trends and Technology (IJETT), DOI: 10.14445/22315381/IJETT-V67I3P225, ISSN: 2231 5381, Vol.67, Issue 3, 2019.
- Published a paper titled "Hospital Management System using NFC Technlogy" in International Journal of Applied Engineering Research (IJAER) ISSN: 0973-4562 Vol.10, Issue 55, 2015.
- Published a paper titled "Smart Personal Alert for Drivers using Mobile Application" in International Journal of Applied Engineering Research (IJAER) ISSN: 0973-4562 Vol.10, Issue 55, 2015.
- Published a paper titled "A Survey on Driver Cognitive Distraction Detection" in International Journal of Research (IJR) ISSN: 2348-6848 Vol.2, Issue 4, April 2015.
- Published a paper titled "MRI Brain Image Analysis for Tumor Detection Using Optimization Technique" in International Journal of Computer Science Engineering and Information Technology Research (IJCSEITR) ISSN 2249-6831 Vol. 3, Issue 3, Aug 2013, 23-28.
- Published a paper in IJCST titled as "Mammogram Image Analysis for Microcalcification Detection using Bee Colony Optimization", IJCST Vol. 3, Issue. 3, July - Sept 2012, ISSN: 0976-8491 (Online) | ISSN: 2229-4333 (Print).

2. International Conference Presentation Details:

- International Conference on Advances in Applied Engineering and Technology at Syed Ammal Engineering College titled as Smart Personal Alert for Drivers using Mobile Application, April 2015.
- International Conference on Computational Intelligence & Communication at SKR Engineering College titled as Mammogram Image Analysis for Microcalcification Detection using Bee Colony Optimization, July 2012.

4. National Conference Presentation Details:

- National conference on Information and Network Management at Thiagarajar College of Engineering, titled as MRI Brain Image Analysis for Tumor Detection.
- National Conference on Emerging Trends in Computer Science and Engineering at K.S.Rangasamy College of Technology titled as Detection of Microcalcification in Digital Mammograms using Meta Heuristic Algorithm.
- National conference on Emerging Trends in Computer Communication and Informatics at Tamilnadu College of Engineering, titled as Mammogram Image Segmentation.
- National Conference on Innovative Computing Technologies at SSM College of Engineering, titles as Mammogram Image Analysis for Microcalcification Detection.

• National Confernce on Focus of Lucid advancement of Mechanical Engineering at Bharath Niketan Engineering College, titled as Logistics and Supply Chain Management.

5. Google Scholar report:

https://scholar.google.com/citations?hl=en&authuser=1&user=LanWU74AAAAJ