

Mrs.V.G.Janani, M.E.,
Assistant Professor-III / ECE
Velammal College of Engineering
&Technology(Autonomous), Madurai.
e-Mail Id: vgj@vcet.ac.in



Educational Qualification:

| Name of the Degree | Name of the University | Year of Passing | Specialization |
|--------------------|---|-----------------|---|
| B.E | St.Michael College of Engineering &Technology,Sivagangai. | 2010 | Electronics & Communication Engineering |
| M.E | K.L.N.College of Engineering,Sivagangai. | 2012 | Communication Systems |

Experience in years: 2 Years 10 months

Employment History:

| S.No | Name of the College/Industry | Period | Years of Service |
|------|---|-------------------------|---------------------|
| 1. | Velammal College of Engineering & Technology Madurai. | 2013 to 2015 | 2 Years & 10 months |
| 2. | Velammal College of Engineering & Technology Madurai. | August 2022 to till now | 1 Month |

Interested Research Areas: Image/Video Processing, Machine Learning

Scholarships and Awards received:

- Received Rs.6000Cash Award for achieving 100% and above 95% Pass Percentage in Academic Subjects.
- Won Best Paper Award in International Conference

Funded Research Projects: Nil

Patent rights received: Nil

Publications Details:

No. of International Journals: 04

No. of International/National Conference: 08

No. of FDP Participated: 09

Journal Publication's:

| S. No. | TOPIC | Journal | Year |
|---------------|--|---|--|
| 1. | An novel algorithm for detecting the suspicious acts in crowded scenario | International journal of advanced research trends in engineering and technology | Volume 2 special issue 23 rd March 2015 |
| 2. | Efficient Feature Extraction using Spatio Temporal features for Human activity recognition | Coimbatore Institute of Information Technology | July 2012 |
| 3. | A Novel approach for recognizing the Stationary Vehicles in Occluded Area | SS International Journal of Multidisciplinary Research | Online-ISSN: 2395-7964 Volume 2 Issue 06 th September 2015. |
| 4. | Computing the Pedestrians based on static & dynamic motions using Correlation based Optical flow algorithm | SS International Journal of Multidisciplinary Research | Online- ISSN: 2395-7964 Volume 2 Issue 06 th September 2015. |

National / International Conference Publications:

| Sl. No | Title of the Paper | Name of the Conferences | Date |
|---------------|--|--------------------------------|---|
| 1. | Efficient feature Extraction Using Spatio temporal features for human activity Recognition | International Conference | 12 th 13 th April, 2012 |
| 2. | An Novel Approach for detecting the suspicious acts in Crowded Scenario | International Conference | 25 th March, 2015 |
| 3. | A high Efficiency Technique to distinguish the Static Vehicles in Traffic Scenario | International Conference | 10 th 11 th April, 2014 |
| 4. | Detection & Counting of Persons in Crowded environment using Motion Estimation Algorithm | International Conference | 10 th 11 th April, 2014 |
| 5. | Methodology for Recognizing Human activity Video Surveillance | National Conference | 15 th 16 th , March, 2012 |
| 6. | Counting of Anomaly Using Statistical | National Conference | 13 th , March, |

| | | | |
|----|--|---|------|
| | Landscape Features(SLF's)in Public Places. | | 2015 |
| 7. | A Novel approach for recognizing the Stationary Vehicles in Occluded Area | International association of Engineering and Technology for Skill Development | 2015 |
| 8. | Computing the Pedestrians based on static & dynamic motions using Correlation based Optical flow algorithm | International association of Engineering and Technology for Skill Development | 2015 |

List of Faculty Development Programmes:

| S.No | Title | Name of the institution | Year |
|------|---|--------------------------------------|--|
| 1. | Image Processing | Velammal College of Engineering | 13 th - 14 th October, 2011. |
| 2. | Digital Video Processing | Anna University, Coimbatore | 30 th September, 2011. |
| 3. | Random Process and Digital Communication | K.L.N. College of Engineering | 5 th - 6 th April, 2011. |
| 4. | Hands off training on SCILAB | K.L.N. College of Engineering | 13 th October, 2012. |
| 5. | Computer Vision and Image Processing Techniques | Amrita Vishwa Vidyapeetham | 15 th - 16 th March, 2013. |
| 6. | Emerging Trends in Computer Vision & Image Understanding | PSR college of engineering for Women | 21 st September, 2013. |
| 7. | ACIOTHDS'15 | MEPCO | 11 th - 24 th May, 2015. |
| 8. | Digital Principles & System Design | Anna University, Madurai | 11 th - 17 th December 2013. |
| 9. | Application of Evolutionary computing techniques for satellite image processing | MEPCO | 20 th May - 2 nd June, 2013. |

Books published /Chapters contributed: Nil

Google Scholar report: