

***Dr. R.Gayathri***

*Associate Professor, Electronics and Communication Engineering*

*Email:* *rgayathri@svce.ac.in**;* *gayathricontact@gmail.com*

*Mobile: 91 442715 2000 Ext.228*

Academic Credentials:

PhD. Information and Communication

*Anna University*, College of Engineering Guindy, Chennai.

Year of passing: Dec. 2014.

M.Tech. Laser & Electro Optical Engineering

*Anna University*, First Class

College of Engineering Guindy, Chennai.

Year of passing: Dec. 2001

B.E. Electronics and Communication Engineering

*Madras University*, First Class

Arunai Engineering College, Thiruvannamalai 606602.

Year of passing: April 1999

Teaching Experience and Research Experience: **16 Years**

Publications

International Journal: 21

International Conferences: 11

Research Interest

My main research interests are in the field of computer vision, pattern recognition, VLSI signal processing and machine learning for video analytics with the focus on human tracking and event/activity recognition in video. I developed several algorithms for image and video analysis including detection and tracking of humans in video, motion estimation, multi-resolution video processing, biologically-inspired spatial-temporal filtering, local video event detection, and action classification.