

## **CURRICULUM VITAE**

ANKEGOWDA K. S.  
#121, 3<sup>rd</sup> cross, 15<sup>th</sup> main  
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### **OBJECTIVE:**

To be in an organization, which gives opportunity to learn, improve my knowledge and skills, which will add value to my career, ultimately the organization and society.

### **EDUCATIONAL CREDENTIALS:**

Course	Name of the Institute	Board/ University	Year of Passing	Percentage
M.Tech(Digital Electronics)	SJB Institute of Technology (SJBIT), Bangalore.	VTU	2014	75.17
B.E (ECE)	K.S Institute of Technology (KSIT), Bangalore.	VTU	2012	65.02
12 <sup>th</sup> / PRE-UNIVERSITY	BGS IND PU College, Nagamangala.	Karnataka Pre-University Board	2008	66.83
SSLC	SRNS High School, Nagamangala.	K.S.E.E.B	2006	70.40

### **TECHNICAL SKILLS:**

Languages	C, C++ & Assembly.
Tools	KIEL, IAR workbench, AVR Studio, NS2, MATLAB.
Assembly language	Micro Controller & Micro Processor.
Operating System	Linux, Windows-XP/Vista/7/8.

Possess knowledge of Embedded Systems, Data Structures, Linux Device Drivers, RTOS, AVR Microcontroller and ARM Processor.

### **TRAINING AND CERTIFICATION:**

Have Completed Post Graduation Diploma in Embedded System Design (PG-DESD) at C-DAC ACTS (Knowledge Park) Bengaluru, under the Ministry of Communication & IT, Govt. of India (6 Month Duration).

### **CONFERENCE AND WORKSHOP:**

- Presented the paper 'Study of Neural Network Architecture in Face Recognition system' in National conference RECENT ADVANCES IN SCIENCE, ENGINEERING AND TECHNOLOGY at Sri Venkateshwara College of Engineering, Bangalore.
- Participated in a 3 Day Workshop on '3G Technology Essentials and Radio Network Planning' conducted by Beam Form Communications Pvt. Ltd.
- Participated in Workshop on 'Learn MATLAB in 2 Days' organized by Department of Basic Science at SJB Institute of Technology.

### **PROJECTS UNDRETAKE:**

#### **Project Title: CAN Protocol Based Firmware Development for ARM7 Based Processor Family**

**Description:** Generic CAN firmware development implementation for ARM7 family based processors. Features 1) CAN controller initialization functions 2) Acceptance Filtering functions 3) Data frame Transmission Functions 4) Remote Frame Transmission functions. All these Functions basically export the features of CAN controller to user space applications

#### **Project Title: Image Processing Based Traffic Control**

**Description:** Traffic problems nowadays are increasing because of the growing number of vehicles. We proposed a system for controlling the traffic light by image processing. The system will detect vehicles through images instead of using electronic sensors. A camera will be installed alongside the traffic light. It will capture image sequences. The image sequence will then be analysed using digital image processing for vehicle detection, and according to traffic conditions on the road traffic light can be controlled.

#### **Project Title: Study of Neural Network Architecture in Face Recognition System**

**Description:** This project focused on analysis of face recognition system with a combination of neural networks and Sub-space method of feature extraction. Here we are considering both single layer such as Generalized Regression neural network (GRNN) and Multi-layer such as Learning Vector quantization (LVQ). The analyses of these neural networks are done between feature vectors with respect to the recognition performance of subspace methods, namely Principal Component Analysis (PCA) and Fisher Linear Discriminant Analysis (FLDA). The experiments were performed using standard ORL, Yale and FERET databases. From the analysis we found that the combination of PCA & GRNN achieved better recognition accuracy compare to FLDA & GRNN and FLDA & LVQ.

### **EXTRA CURRICULAR ACTIVITIES:**

- Volunteering in College Fest 'ANANYA'.
- Participated in Sports Events at Department Level.

### **PERSONAL DETAILS:**

Father's Name	Shivalingegowda K .C.
Mother's Name	Gowramma
Date Of Birth	07/12/1990
Sex	Male
Nationality	Indian
Languages Known	English, Hindi and Kannada.
Strength	Flexible, Positive thinker, Good learner and Efficient in group.

### **DECLARATION:**

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Date:

Place: Bangalore

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(Ankegowda K.S.)