

# CURRICULUM VITAE

## **A.Ganesh**

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## **Educational Qualifications:**

### **M.Phil (Electronics)**

Bharathidasan University, Trichy  
**Percentage/Class:** 72.8% First Class  
**Year of passing:** Feb 2008

### **M.Sc (Electronic Science)**

A.V.C.College(Autonomous)  
Mannampandal, Mayiladuthurai.  
**Percentage/Class:** 64.7% First Class  
**Year of passing:** April 2006

### **B.Sc (Industrial Electronics)**

Adaikala Matha College, Thanjavur.  
**Percentage/Class:** 57.86% Second Class  
**Year of passing:** April 2002

## **Teaching Experience:**

- Lecturer in Industrial Electronics at A.R.C Viswanathan college, Mayiladuthurai with teaching responsibility to undergraduate and postgraduate students from December 2006 to July 2009 ( 2 years and 7 months )
- Presently working as Assistant professor in A.V.C.College(Autonomous), Mannampandal, Mayiladuthurai since August 2009

## **Awards**

- Received approval from Bharathidasan University to be eligible for Lecturer in the Department of Industrial Electronics

## **Orientations/ Refresher Courses**

- Attended Refresher courses “**Effective Teaching Methods**” at A.V.C College (Autonomous), Mayiladuthurai

### Conference Attended

- Presented paper entitled “**Ultrasonic sensor controlled automatic petrol level indicator and voice alert of nearest petrol bunk through RF**” at karpagam university.

### Seminars Attended

- Attended Seminar on “**Digital signal processing & VLSI design**”, organized by Department of Electronic science, A.V.C. College (Autonomous)
- Attended Seminar on “**Real time application of Microcontroller & Embedded system in Industry**”, organized by Department of Electronic science, A.V.C. College (Autonomous)
- Attended Seminar on “**Basic concepts of VLSI**”, organized by A.R.C. Vishwanathan College, Mayiladuthurai
- Attended National Seminar on “**Digital Image Processing on Satellite Images**” Organized by Department of Electronics and Communication Engineering, P.R.Engineering College, Thanjavur.
- Attended UGC sponsored Seminar on “**Programmable Logic controller**”, organized by Department of Physics & Electronic science; A.V.C. College (Autonomous)
- Attended guest lecture on “**Wireless communication**” at A.V.C. College (Autonomous)
- Attended guest lecture on “**Setting Scientific Questions for objectivity**” at A.V.C. College (Autonomous)
- Attended guest lecture on “**Recruitment Opportunities**” was organized by Department of Electronic Science at A.V.C. College (Autonomous)
- Attended Guest lecture on “**PLC - Programming**” at A.V.C.College (Autonomous)
- Participated in Guest lecture on “**Role of Indicators and Controllers in Industrial Applications**” at A.V.C. College (Autonomous)
- Participated in UGC assisted Guest Lecture entitled “**Judicial Activism towards Prevention of Ragging**” at A.V.C. College (Autonomous)
- Participated in Guest lecture on “**Role of Embedded Systems in Wireless Communications**” at A.V.C. College (Autonomous)

### Workshops Attended

- Attended IQAC work shop on “**Effective Teaching Methods**” at A.V.C. College (Autonomous)
- Attended ISTE Workshop on “**Solar Photovoltaic Fundamentals Technologies & Applications**” organized by IIT Bombay.
- Attended UGC assisted “**Workshop on Embedded Systems**” at A.V.C. College (Autonomous)
- Attended UGC aided Workshop on “**Setting Question Bank for Part-A Questions**” at A.V.C. College (Autonomous)
- Attended UGC aided workshop on “**CBCS and Examination reforms**” at A.V.C. College (Autonomous)
- Attended “**PART A Question Bank**” workshop on at A.V.C.College (Autonomous).

- Attended “**Question Bank workshop**” and Academic Auditing held at Dept of E/S A.V.C. College (Autonomous)
- Attended IQAC and R&D organized UGC sponsored one day workshop on “**Scientific Writing**” at A.V.C. College (Autonomous)
- Attended diamond jubilee celebration workshop on “**Philips 8051/59c51  $\mu$ C Programming**” held at A.V.C. College (Autonomous)
- Attended National level workshop on “**Mobile Application Development using Android SDK**” at Karpagam University, Coimbatore
- Attended National level workshop Two days on “**Python**” at S.R.C college, Trichy organized by IIT Bombay

### **Projects Guided at M.sc level:**

- Talking Energy Meter Using Microcontroller
- Power Line Communication System with Noise Reduction Scheme using Microcontroller
- Telephone Operated Pick and Place ROBOT
- CO Emission Controller for Two Wheeler
- Hand Motion Crane Control using Radio Frequency Real Time Location Systems
- In Voluntary Train Collision and Prevention system using PIC Microcontroller
- Anti Collision Prevention system in car using PIC Microcontroller
- Battery Level Indicator for Automobiles and Electronic toy Piano
- Automatic Load Share
- Earth Fault Detector using Microcontroller
- Electric Fence using Solar Power
- Ultrasonic sensor controlled automatic petrol level indicator and voice alert of nearest petrol bunk through RF
- RFID based Passport System

### **Resource Person**

- Take class for Young Student Scientist Programme (YSSP) catalyzed and supported by Tamilnadu state council for science and technology, Govt. of Tamilnadu.

### **Inplant Training**

1. Attended In-Plant training in Sugar Factory at Shree Ambika Sugar Factory
2. Attended two day training program for “**Handling Audio Visual Equipments**” in our college.
3. Attended Fundamentals of Telecom in BSNL as inplant training at BSNL, Mayiladuthurai

### **Software Exposer**

- PLC

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