



CURRICULUM VITAE

G. SANGEETHA

Assistant professor in Electronic science

A.V.C.College (Autonomous)

Mannampandal, Mayiladuthurai.

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Educational Qualifications

M.Phil., (Physics)

Bharathidasan University , Trichy

Percentage/Class: 81% First Class with Distinction

Year of passing: Oct. 2006

M.Sc., (Electronic Science)

A.V.C.College (Autonomous)

Mannampandal, Mayiladuthurai.

Percentage/Class: 82 % First Class with Distinction

Year of passing: Apr. 2005

M.Sc., (Physics)

Periyar university

Salem

Percentage/Class: 60 % First Class

Year of passing: Apr. 2019

B.Sc., (Physics)

A.V.C.College (Autonomous)

Mannampandal, Mayiladuthurai.

Percentage/Class: 84 % First Class with Distinction

Year of passing: April 2003

B.Ed., (Physics)

Tamilnadu Teachers Education University

Percentage/Class: 70 % First Class

Year of passing: May 2010

PGDCA.,

Tatti computer center

Percentage/Class: "A" Grade

Year of passing: Aug.2003

Projects Guided at M.Sc level

- ❖ ‘Speed Breaker Control using PLC’ by C.Vinoth submitted to Bharathidasan University
- ❖ ‘Automatic Intelligent plant Watering system’ by J.Manikandan submitted to Bharathidasan University
- ❖ ‘Heart rate and Temperature measurement from Fingerprint using PIC Microcontroller’ by J.Kalaiselvi submitted to Bharathidasan University
- ❖ ‘Digital Automated Hospital’ by K.Gayathree submitted to Bharathidasan University
- ❖ ‘Automatic Irrigation Control system using GSM Technology’ by A.Asha submitted to Bharathidasan University
- ❖ ‘Live Human Detecting Robot’ by R.Rajkumar submitted to Bharathidasan University
- ❖ ‘Traffic Priority for Ambulance and Density Control signal using Microcontroller; by K.Vinothraja submitted to Bharathidasan University
- ❖ ‘Automated Car Parking System; by T.Dineshkumar, D.Rajkumar and B.Gurumoorthy submitted to Bharathidasan University
- ❖ ‘Password based lock for Bike security with Ignition key using GSM and GPS’ by N.Nivashini submitted to Bharathidasan University
- ❖ ‘High Protection Bank Security System using ATMEGA Microcontroller’ by S. Anitha submitted to Bharathidasan University

Teaching Experience

- ❖ Worked as Lecturer in Industrial Electronics at A.R.C Viswanathan college, Mayiladuthurai with teaching responsibility to undergraduate and postgraduate students from 17.01.06 to 31.05.09
- ❖ Presently working as Assistant professor in A.V.C. College (Autonomous) Mannampandal Since 17.06.09

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)
- ❖ Attended General refreshment Course ‘About teaching’ at A.V.C College (Autonomous)

Seminars Attended

- ❖ Attended Seminar on **PCB Designing** at A.V.C.College (Autonomous)
- ❖ Attended guest lecture on **Real time application of Microcontroller & Embedded system in industry** at A.V.C College (Autonomous)
- ❖ Attended **Digital signal processors & VLSI Design** at A.V.C College (Autonomous)
- ❖ 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 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

- ❖ Project Presentation in **Festronix-2k4** at Mohammed Sathak college of Arts & Science
- ❖ IQAC work shop (**Effective Teaching Methods**) at A.V.C College (Autonomous)
- ❖ 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 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 μ C Programming**" at A.V.C College (Autonomous)
- ❖ Attended National level workshop on "**Mobile application development using Android SDK**" at Karpagam University, Coimbatore.

Training programmes Attended

- ❖ Attended two day Training program for "**Handling Audio Visual Equipments**" at A.V.C College (Autonomous)

University BOS Member

- ❖ B.Sc., M.Sc., M.Phil., (Industrial Electronics & Electronics)- Bharathidasan university (2009 to 2012) & (2015-2018)

Project Guide ship

- ❖ Guide ship in M.Phil., Physics and Electronics, Prist University

Projects Guided at M.Phil., level

- ❖ ‘**Microcontroller based Water Level Indicator**’ by R. Grija Submitted to Prist University

Resource Person

- ❖ Take class for Young Student Scientist Programme (YSSP – MAY 2013) catalyzed and supported by Tamilnadu state council for science and technology, Govt. of Tamilnadu.

External Examiner

- ❖ External Examiner for University Practical Examination Dec 2007-B.Sc.,(Industrial Electronics) at Enathi Rajappa College, Pattukottai
- ❖ External Examiner for B.Sc.,(Industrial Electronics) at A.R.C. Viswanathan College, Mayiladuthurai in Dec 2009
- ❖ External Examiner for B.Sc.,(Electronics) at Govt. arts College in kulithalai on Mar 2017

Software Exposer

- ❖ C, Embedded C
- ❖ MATLAB
- ❖ 8051 Simulator Lab view
- ❖ 8085 and 8086 simulation software
