

# **GREESHMA.V**

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## **Career objectives:**

To secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the institution.

## **Educational Qualifications:**

Description	School/Colleges	Board/University	Year Of Passing	% of Marks
M.E. (Applied Electronics)	Sri Krishna College of Technology,Coimbatore	Anna university ,Chennai	2014	8.86(CGPA)
B.Tech (Electronics & Communication Engineering)	Al-Ameen Engineering College, Shoranur	Calicut University	2012	79
Plus Two	St,Dominic's Convent English Medium School, Sreekrishnapuram	CBSE	2008	82
S.S.L.C	St,Dominic's Convent English Medium School, Sreekrishnapuram	CBSE	2006	88

## **Experience:**

Institution	Assistant Professor	Date of Joining	Date of Relieving
EASA College of Engineering and Technology	Assistant Professor	23.01.2025	Till Now
PSR Engineering College,Sivakasi	Assistant Professor ECE	15/05/2018	31.05.2020

JCT College of Engineering and Technology,Coimbatore	Assistant Professor ECE	09/06/2014	31/10/2015
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#### **Contribution towards firm:**

Worked as Senior Content Creator for the Educational Website “Enjoy Enjaami”.

#### **Software skill set:**

Simulation package : Xilinx, Tanner Tool, Microwind, Modelsim, Articulate story line 360

Languages : C, C++

**Area of Interest** : Low Power VLSI,IOT

#### **Publications Journals:**

1. **“Certain Investigations on Power Performance in Nanoscale CMOS Digital Circuits with Low Leakage Design Techniques”**, International Journal of Computer Applications volume 975 pp:8885
2. **“Routing security in wireless adhoc networks”**, Journal of Emerging Technologies and Innovative Research (ISSN:2349-5162), Volume 6 Issue1,February-2019..
3. **“Investigations on Power Performance in CMOS Digital Circuits with Low Leakage Design Techniques”**, Journal of Emerging Technologies and Innovative Research (ISSN:2349-5162), Volume 6 Issue1,February-2019.
4. **“Implementation of advanced system for controlling handicapped vehicle using PIC microcontroller”**, Journal of Emerging Technologies and Innovative Research (ISSN:2349-5162), Volume 6 Issue1,February-2019.

#### **Conference:**

International conference on Innovations in Information Embedded and Communication Systems (ICIECS'14) at Karpagam College of Engineering, Coimbatore.

#### **Faculty Development Programmes Attended:**

1. One Week Training programme on **“Instructional Design and Delivery System”** conducted by NITTTR,Chennai at P,S,P,Engineering College,Sivakasi.
2. One Day FDP on **“Introduction to Python Programming”** at P.S.R Engineering college,Sivakasi
3. FDP on**“IoT and its Real Time Applications”** at P.S.R.Engineering College,Sivakasi.

4. Two day FDP on “**Research Avenues of Neural Network in Engineering and Technology**” delivered by Dr.Narasimhan Sundararajan at P.S.R Engineering College,Sivakasi.
5. One week AICTE sponsored STTP on “**Emerging Trends in Data Migration and Wearable Computing aspects of IoE**” at P.S.R.E ngineering College,Sivakasi.

#### **Workshop:**

1. One day workshop on “E-Learning Resource-Google Class room” at P.S.R Engineering College,Sivakasi.
2. One day workshop on “Tips and Tricks in Microsoft Office” at P.S.R Engineering College,Sivakasi.

#### **Hands on training:**

Three Day “**Hands On Python Training**” at P.S.R Engineering college,Sivakasi Academic Projects: M.E.:

#### **“CERTAIN INVESTIGATIONS ON POWER PERFORMANCE IN NANOSCALE CMOS DIGITAL CIRCUITS WITH ULTRA-LOW-LEAKAGE DESIGN**

#### **TECHNIQUES”**

- Objective is to Reduce the off current in digital CMOS without compromising the functional performance like speed, area and power
- Approach uses source connected p-mos and n-mos to build ultra low power building blocks- diode,transistor,voltage follower
- Implementation in CMOS Digital circuits, SRAM using virtual ground concept

#### **B.Tech:**

#### **Main Project on “VARIABLE SPEED LIMITER AND WIRELESS TRACKING SYSTEM”**

- ★ Automatic speed limiter in different zones like school ,hospital
- ★ Vehicle tracking using LASER,GSM,GPS module

#### **Mini Project on “PROPELLER LED DISPLAY” ★**

Display using 8 number of LEDs.

- ★ Based on the principle of Persistence of Vision

#### **Seminar on “RADIO TOMOGRAPHIC IMAGING WITH WIRELESS NETWORK”**

- Technology to image the attenuation caused by moving objects by measuring the variation in received signal strength using RF transceivers

**Personal Profile:**

Date of Birth : 7<sup>th</sup> March 1991 Spouse Name  
: Felix Gunalan G

**Declaration:**

I hereby declare that, the above informations are true and correct to the best of my knowledge and belief.

Place : Coimbatore



Date : 01.10.2024

(Greeshma. V)