

RESUME



M.RENUGA ,M.E,(Ph.D)

Plot no 22,Buveneswari Nagar,
sithalampakkam,
Chennai.

Mail:renuga.m.ece@psvpec.in

OBJECTIVE:

To Utilize My 19 Years of Teaching skills in a challenging career, for growth, while offering my capabilities for the benefits of the organization and society at largest.

EDUCATION:

PG

M. E in APPLIED ELECTRONICS

8.88-FWD(CGPA) in March- 2010

Sathyabama University,Chennai.

UG

B.E in Electronics and Communication Engineering

79.45% in May -2005 (FWD)

Periyar Maniyammai Engineering college for Women,Tanjavur.

HSC

93%in March –2001.

St. Therasa's Higher Secondary School, Thiruthurai pundi .

10th

93% in April - 1999

Govt. Girls Higher Secondary School, Thiruthurai pundi

EXPERIENCE:

S.No	College Name	Designation	Period	No of Years
1	Prince Shri Venkateswara Padmavathy college of Engineering	Assistant Professor	5.6.2024-till Now	1 Year

2	Peri Institute of Technology	Assistant Professor	10.10.2019-30.6.2024	5 years
3	Agni College of Technology	Assistant Professor	16.7.2007-31.5.2019	12
4	Kalsar college of Engineering	Lecture	5.6.2005-6.7.2007	2

ACADEMICS:

Signals and system, Produced Results above 90%
Digital signal processing, Produced Results above 90%
Electronic circuits –II , Produced Results above 90%
Medical Electronics- Produced Results above 90%

Circuit analysis
Digital electronics
Mobile communication
Electronic device
Electronic Circuits I
Digital Communication
Digital image processing
RF and Microwave Engineering
Electron devices

ACHIEVEMENTS AND AWARDS

Best Teacher award in ACT (2012 and 2016)
Best Motivator award in ACT (2018)
Results Producer Award in ACT (above 90%,Every semester)

FURTHER RESPONSIBILITIES UNDERTAKEN

Coordinator for NBA certification for the department
Fees Collection coordinator for College
Academic Coordinator in 2017 &2018
ISTE coordinator
Lab Coordinator in Electron Device lab
Organized Department Symposium in 2013 ,2014 &2022.
Time Table coordinator
Worked for the ISO and NAAC certification
Exam cell In-Charge

FDP ATTENDED

- Participated and completed ATAL FDP on AI and Quantum Computing: Glimpsing the Near Future at Sri Sairam Engineering College from 20/01/2025 to 25/01/2025.
- Participated and completed ATAL FDP on Reconfigurable Intelligent Surfaces for 6G Wireless Communication: Fundamentals to Future Research Directions at National Institute of Technology, Tiruchirappalli from 23/12/2024 to 28/12/2024.
- Participated and completed ATAL FDP on High performance computing for scientific research and simulations at Erode Sengunthar Engineering college from 16/12/2024 to 21/12/2024.
- Participated and completed ATAL FDP on Exploring Advanced Data Science Tools Techniques and Trends Anand Institute of higher technology from 09/12/2024 to 14/12/2024.

PAPER PUBLICATION:

1. Vision based driver assistant system using Machine learning and IOT by International Journal of Innovative Trends and Emerging Technologies, ISSN 23499842(Online), Vol:2, March 2018
2. Paper Presented titled 'Modest Survey of Ultrasound image Enhancement Techniques' by International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol.5, Issue 5, May2016, ISSN2278-8875
3. Paper presented titled 'Analysis and comparison of kidney image enhancement techniques' International Conference on Electrical Communication and computing, TagoreEngineeringCollege,13-14 Mar 2014
4. Paper Presented titled 'Analysis and Comparison of Ultrasound Image Enhancement Techniques' International Conference in2014
5. Presented paper on titled 'Analysis & Comparison of Image Enhancement Techniques' in the national conference on Compute Communicate Control" held on 8 Nov 2013.
6. Published a Paper on titled 'IOT based automatic vehicle accident detection and rescue system, International Journal of Research in Engineering and Technology and Science in 2020.
7. Analysis of Neuro-imaging and prediction of Alzheimer's Syndrome and Brain Tumor using Machine Learning Techniques by Journal of Science, Computing and Engineering Research in 2022.
8. Presented paper on titled 'A novel on AI based Diabetic Retinopathy Detection using retinal image in 2023.
9. Published a Patent on 21.10.2022 titled Personalized recommendation of topics by Influences Analysis using support vector machine. (Pn .42/2022).
10. Published a Patent on 21.10.2022 titled Artificial Intelligence based animal recognition and repelling system for smart farming DCNN algorithm. (Pn.42/2022).
11. Published a Patent on 21.10.2022 titled Virtual cloth fitting in 2D using deep learning approach. (Pn.42/2022).
12. Published a paper on titled 'An investigation of low power VLSI design Techniques' by Journal of Science Computing and Engineering Research in 2023.

13. Published a Paper on titled 'Optimization of the Radix4 &8 Booth algorithm and their FPGA realization' by Journal of Science Computing and Engineering Research in 2023.

Date:
Place : chennai

Yours truly,
(M.Renuga)