

# BIODATA

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

NAME:A.BENILA

DESIGNATION:Assistant Professor

## Photo



**Area of Interest** :Signals and system,DSP,Digital Electronics

**About myself:** I am an enthusiastic, self-motivated, reliable, responsible and hard working person.

**Gmail:**benila.a.ece@psvpec.in

**Education details:**M.E APPLIED ELECTRONICS,KARUNYA INSTITUTE OF TECHNOLOGY,Bharathiyar university

PH.D-Registered at Bharath Institute of higher Education and Research.

**Experience:**19 years

**Date of joining in the current institution:**2.3.2020

## PROFESSIONAL INFORMATION:

### CONFERENCE ATTENDED:5

1. AI Affinity Unraveling Cross Synergies in the NGMA Framework-2024 IEEE 2nd International Conference on Innovations in High Speed Communication and Signal Processing (IHCSP) held on Dec 24
2. Industrial informatics in optimizing software-defined vehicles for logistics-2024 IEEE 2nd International Conference on Innovations in High Speed Communication and Signal Processing (IHCSP) held on Dec 24
3. An Evaluation and Implementation of the Effectiveness of Cloud Security as a Service in IoT Security-2023 3rd International Conference On Smart Generation Computing, Communication And Networking (SMART GENCON) held on DEC 23.

## BIODATA

4. Detection of bridging fault using reduced ordered binary decision diagram-Volume 2393: Recent Trends in Science and Engineering held on May 22.
5. Plan and development of efficient branch predictor for in-order RISC-V processor- Volume 2393: Recent Trends in Science and Engineering held on May 22

### **PATENTS:3**

#### **FDP:**

1. IoT Security- Department of Electrical and Electronics Engineering, DMI College of Engineering, Chennai-05.08.2024- 09.08.2024
2. Emerging Trends and Technologies in Renewable Energy for Sustainable Development- AICTE Training And Learning (ATAL) Academy at Prince Shri Venkateshwara Padmavathy Engineering College-10.2 2025 -15.2. 2025
- 3.ChatGPT & AI Tools to Save Your 2 Hours of Time Daily- Department of Computer Science & Applications (B.Sc CS), Faculty of Science and Humanities, SRM Institute of Science and Technology, Ramapuram-16th June 2023 - 24th June 2023.
4. Future Generation communication and Networking- Jerusalem College of Engineering- 02.1.2023 -07.1.2023

#### **Course:**

- 1.Embedded Systems & IOT- Shakra Innovations-9.7.2024-7.11.2024
2. Supervisory control and Data Acquisition- Sri Eshwar College of Engineering, Coimbatore- 31.3.2023-10..2023.

#### **Project Guided Title:**

1. Brain Signal Sensing Robot Based on Iot For Paralyzed People
2. Design of asynchronous FIFO circular buffer in SOC.
- 3.Designing of Smart and secure single debit card for multiple bank accounts.
- 4.Centralized drainage system detection and monitoring using IOT.

#### **Journal published:2**

1. Centralized drainage system detection and monitoring using IOT-International research journal of modernization in Engineering Technology and science –volume3/Issue 3/March 2021.

## BIODATA

2. Designing of Smart and secure single debit card for multiple bank accounts-International journal of early childhood special Education(INT-JECSE) Vol 14,Issue 5.