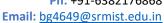


# BALAJI G B.Tech -Electronics & Communication Engineering

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VHDL System Verilog Java Python C DSA Oops

## **EDUCATION**

SRM Institute of Science & Technology, Tiruchirappalli

2022-2026

B.Tech - Electronics & Communication Engineering | | CGPA: 9.02/10

**Government Higher Secondary School, Lalgudi** 

2022

12th | | TNSB | | Percentage: 73.67

Sri Mahadeva Guruji Matriculation Higher Secondary School, Thiruvarur

2020

10th | | TNSB | | Percentage: 82.67

## **PROJECTS**

Yog-Mithra – A Smart Yoga mat

16 Aug – 15 Oct 2024

**Key Skills:** 

Microcontroller

ontroller Embedded System

IOT Python

Firebase

**Yog-Mithra** is an AI-integrated smart yoga mat that provides real-time posture correction and progress tracking. It combines sensors, smart watch connectivity, and expert yoga content to enhance users' yoga practice affordably.

**Meat Freshness Detector** 

09 Feb – 24 Jun 2024

It ensures optimal food safety by using sensors to monitor the quality of meat in real-time, detecting spoilage and alerting users when freshness declines.

#### **ACHIEVEMENTS**

Secured second position in VIT-Techno VIT (Paper Presentation)

2023

Top 5/64 NIT Puducherry – Hackathon

2024

# **ASSESSMENTS / CERTIFICATIONS**

Introduction To Machine Learning on NPTEL

Key Skills:

Machine Learning

## **Python For Datascience**

Key Skills:

NumPy Pandas

Python

## Verilog for an FPGA Engineer

Key Skills:

VHDL

System Verilog

FGPA

Matplotlib

#### **EXTRA CURRICULAR ACTIVITIES**

- Led content creation and editing for **Tamilan Gaming**, a YouTube channel with **100,000+ subscribers**, showcasing expertise in video production and audience engagement.
- Actively involved in **IoT projects**, and **PC building**.