



# SIVAMATHIVANAN P

B.E.MECHATRONICS ENGINEERING

## CONTACT

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Sadayankadu, Nallampatti, Thudupathi(via),  
Erode-638057

## AREA OF INTERES

- Electric Vehicle (EV)
- Sensors and Transducers
- Internet of Things

## SKILLS

- Programming Languages:** Python, Embedded C, C, Html, Css, Js
- Design Tools:** Auto cad, Solid Works, Labview, Eagle

## EDUCATION

Kongu Engineering College -Perundurai  
BE - Mechatronics Engineering

2024-present CGPA-8.00\*

Kongu Velalar Polytechnic college,  
Sennapuram, Erode

2023 80%

Sri Venkateshwara Vidhyalayaa -  
Matric.Hr.Sec. School Thasampalayam

2020 SSLC-69%

## LEADERSHIPS

- Active Member In ISTE Of KEC (2023- 2024)
- Active Member in Nexus Event (2023)
- Executive Member in Robotic Club of KEC

## PROFILE

With expertise in Mechatronics, I seamlessly combine mechanical, electrical, and software components to optimize system performance. Strong problem solving and project management skills drive my collaborative approach to innovation. Ready to contribute in dynamic environments and advance engineering projects.

## PAPERS

- Low – Cost Power Generating and Discharging Brick**

National Institute of Technology Trichy (2024)

The Low-Cost Power Generating and Discharging Brick aims to create an affordable and efficient energy storage solution using bricks embedded with piezoelectric materials.

- Vehicle Accident Notification System**

Kongu Engineering College, Erode (2023)

The Vehicle Accident Notification System project is designed to automatically detect and report vehicle accidents using sensors and GPS technology.

## PROJECT

- Dual Side Water Pumping System**

The Dual Side Water Pumping System is engineered to efficiently manage water flow by utilizing pumps on both sides of a water source.

- Bluetooth Controlled Autonomous Vehicle**

Kongu Engineering College ,Erode (2024)

The Bluetooth Controlled Autonomous Vehicle combines remote control via Bluetooth with autonomous driving features

## WORKSHOPS

- Electronic for us
- Tracker's

## ACTIVITIES

- Advanced Internet of Things (IOT)**  
Kongu Engineering College , Erode (2024)
- Design and Fabrication of PCB**  
Kongu Engineering College , Erode (2023)

## INDUSTRIAL EXPOSURES

**M/s NxtGen Instruments , Erode**

5-days Inplant Training July-2024

**M/s Sree Valarmathi Industries , Erode**

5-days Inplant Training February-2024