



# SARAN M

INSTRUMENTATION ENGINEER

## CONTACT

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## SKILLS

- Smart Plant Instrumentation
- AutoCAD
- Cadence-Virtuoso
- Keil

## AREA OF INTEREST

- Industrial Instrumentation
- Process control
- Sensors and Transducers
- VLSI

## SKILL SET

- Time Management
- Leadership
- Problem Solving

## IN-PLANT TRAINING

- Amarjothi Spinning Mills
- Agni Steels Pvt Ltd

## MEMBERSHIP

- ISOI Students chapter

## CAREER OBJECTIVE

Seeking a challenging role in instrumentation engineering to apply expertise in measurement, control systems, and automation for enhancing industrial process performance.

## EDUCATION

### Electronics and Instrumentation

B.E / EIE | Kongu Engineering College

2023 - 2027

**CGPA:** 7.79

### Higher secondary Education

Sri Sai Matriculation Higher Secondary School

2022

**PERCENTAGE:** 89%

## PAPERS AND PROJECTS

### Survivor - Locate (PAPER)

CIT,COIMBATORE

Developed a sensor-based system using acoustic and seismic signals to detect humans trapped under earthquake rubble. Enhanced disaster response effectiveness through rapid localization of buried survivors, improving search & rescue operations.

### Drive - Sentinel (PROJECT)

PSG,COIMBATORE

Created software detecting driver drowsiness & phone usage, alerting for safety. Used computer vision for real-time driver monitoring.

**Technologies Used:** Python,DAT,YOLO

## CERTIFICATIONS

Completed a course on "Electronic Circuit and Analog Layout Design and Simulation" by Entuple technologies

Completed a course on "Smart Plant Instrumentation Designing" at KEC

Completed a course in Udemy in "Industrial Instrumentation and Process Control"