**V.S.SUNDARAVEL**

**PROFILE**

To work in an organization in responsible position where my technical and management skills can been enhanced and should be implemented for organization's growth. My basic skills like communication and team management will ensure the well being of the organization.

**EDUCATION**

* **B.Tech Mechanical Engineering**

**CGPA – 7.48 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 65.5% **2019**

Institution:

* **Class 10** – 92% **2017**

Institution:

**TECHNICAL INTERESTS**

Automation and IOT, Manufacturing Process

**PROJECTS**

**Machine tool condition monitoring using Digital twins / IOT**   
·Duration/Period: July 2022 – In progress   
·Objective: To monitor the tool conditions and predicting the remaining useful life (RUL) using digital twins and IOT.

·Outcome: To gain exposure towards the concept of digital twins and enhance the skills of IOT.

**Periyar Maniyammai University, Thanjavur**

·Duration/Period: 10 days

·Objective: To Learn about automation in real life industries using sensors controlled by PLC

·Observation Technique: Knowledge on Hydraulics and pneumatics, PLC programing and sensor circuits ·Outcome: As this implant was certified by “BOSCH” I was able to gain more exposure on industrial automation.

**RANE NSK Steering systems Private Limited, Guduvanchery**   
·Duration/Period: 13.06.2022 – 06.07.2022   
·Objective: To attain experience towards industrial processes and the responsibilities of different departments ·Outcome: Learnt different manufacturing processes and got an opportunity to work as a Team member in Process development Engineering department (PDE).

**TECHNICAL SKILLS**

SQL, AutoCAD, Solidworks, PLC programming, MS Office

**CERTIFICATIONS**

·Qualified in Solid works and AutoCAD inventor (designing software) ·Certified on PLC programing   
·Worked in SQL (Oracle) and Quicksight   
·Knowledge in python programming and MS Office

**ACHIEVEMENTS & HONOURS**

**Best Alumni Award 2021**

Received an award from Yagappa school, Thanjavur for good leadership and academic remarks.

·When & Where: July 26 2021 at Thanjavur

Was one among the best 3 short films from Indian Film House / Scripted, directed and led the crew of the short film which was nominated as one among the best 3 short films.

·When & Where: June 30 2021 at Thanjavur

Awarded for various events in dance / Bestowed with prizes in events like Gokulashtami - 2019, Talent search - 2019 and Vasantham – 2020.

·When & Where: 2019-2020 at Amrita School of Engineering.

Donated survival products to people affected during Cyclone pandemic / We donated essential products to nearly 5 villages, which was adversely affected due to Gaja cyclone in the year 2018   
·When & Where: November 24,2018 at Thanjavur

**LANGUAGES**

English, Tamil