**S. SRIRAM**

**PROFILE**

A motivated mechanical engineer to excel in techno-managerial works in the field of development and maintenance by leading the team with an optimistic attitude. It plays a vital role for the development of company. I am a candidate with curious minded and a versatile employee.

**EDUCATION**

* **B.Tech Mechanical Engineering**

**CGPA – 8.98 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 79.33% **2019**

Institution:

* **Class 10** – 96% **2017**

Institution:

**TECHNICAL INTERESTS**

Thermodynamics, Fluid Mechanics, Heat and Mass transfer

**TECHNICAL SKILLS**

Python, C, Inventor, Auto CAD, MATLAB, Ansys, MS Office

**INTERNSHIP**

**Zirconium Complex (A unit of NFC), Department of Atomic Energy.**

Location:Thoothukudi, Tamil Nadu, PIN:628229.

Duration: 23.06.2022 to 07.07.2022

Objective: To understand the production process of reactor-grade zirconium sponge and the supporting units like boiler, cooling tower, and compressor required for the continuous operation of chemical process. To design the air receiver tank based on the ASME standards of boiler and pressure vessel under section VIII.

Tools used: For maintaining continuous production, the Utility department in ZC is equipped with supportive units like evaporative cooling tower for cooling water, axial multistage reciprocating compressor for instrumental compressed air, and axial fire tube boilers from and at 100oC.

Outcome: Understood the working principle of these mechanical components in utility section and learned to design the pressure vessel based on ASME standards.

**Design of air receiver as per ASME standards under boiler and pressure vessel, section VIII.**

Organization : Southern Petrochemical Industries Corporation Limited(SPIC).

Location: Thoothukudi, Tamil Nadu, PIN:628229.

Duration : 8.06.2022 to 22.06.2022

Objective : To learn the production process of Di-Ammonium Phosphate and the maintenance work on mechanical components and safety regulations followed in the industry.

Tools : Mechanical components like centrifugal pump, diaphragm valve, fluid coupling and various scrubbers in the plant.

Outcome : Learned maintenance works on various mechanical components and the safety permits and the production process of Di-Ammonium Phosphate.

**LANGUAGES**

English, Tamil