

S SRI VARSHA

COMPUTER SCIENCE AND DESIGN | SECOND YEAR UNDERGRADUATE

EASWARI ENGINEERING COLLEGE

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OBJECTIVE

A passionate Computer Science and Design student looking for an internship or learning-oriented role to enhance technical skills in programming, design thinking, and emerging technologies while adding value to the organization.

TECHNICAL SKILLS

- Programming Languages: Python, C, C++, Java
- Computer Science Fundamentals:
- Object-Oriented Programming
- Basic Data Structures
- Algorithmic Thinking

PROJECTS

- **Java Programming Learning Portal:** Developed a Java-based learning platform with integrated compiler, progress tracking, and dual dashboards for students and teachers, enabling structured and interactive Java learning without external IDE setup.
 - Tech Used: Java, Java Swing, OOP, File Handling
- **Hand Cricket Game (Python):** Designed a console-based Python game simulating batting and bowling logic.
 - Tech Used: Python, Random Module
- **Automatic Farming Machine:** Developed a Machine that automizes Ploughing, seeding, weeding, tilling, canal digging. Works based on pre-entered coordinates of the land.
 - Tech used: Aurdino IDE, Sensors, Microcontrollers

CERTIFICATION

- NPTEL Certification – Elite + Silver
- SIHVI tech C++ Programming Course – Completed

ACHIEVEMENTS

- Jawaharlal Nehru National Science Exhibition: Selected to represent Tamil Nadu at national level (top 800+ teams).
- National Level Science Exhibitions (2018–2020): Secured multiple 1st–2nd place finishes among 700+ teams across three consecutive years.
- Regional Level Science Exhibitions (2018–2020): Achieved 1st place (2x) and 2nd place (1x) among 300–400+ teams.
- Vikram Sarabhai Centenary Programme, ISRO - 2019: Represented School and secured 2nd place among 50 teams.
- BRAHMA-18 - Secured 2nd Place among 200 teams district Level
- Retweet - 2025 performing art-painting competition: Secured 2nd place

POSITION OF RESPONSIBILITIES

- VICE PRESIDENT - D2ES - Design Driven Engineers Society
- CLASS REPRESENTATIVE - SEP 2024- MAY 2025