

SIVA SHREE

- Kinathukadavu, Coimbatore
- 7397589559
- s.sivasreeofficial@gmail.com
- https://www.linkedin.com/in/siva-sree-s-20661a345

OBJECTIVE

Enthusiastic and dedicated aspiring educator with a strong academic background and a passion for fostering a positive learning environment. Eager to contribute to Ruh Continuum School 's mission by utilizing skills in lesson planning, student/ parent engagement, Classroom management and a commitment to student success. Eager to learn and grow as an educator under the guidance of experienced mentors.

EDUCATION

B.E

- Hindusthan College of Engineering and Technology, Coimbatore
  B. E. Biomedical engineering,
  2021-2025
  8.76

HSC

- Kids Park Matriculation Higher Secondary School, Kinathukadavu
  2021
  91%

SSLC

- Kids Park Matriculation Higher Secondary School, Kinathukadavu
  2019
  90%

PROJECTS

- **AUTOREGULATED DRUG CONCENTRATION NEBULIZER**
  To autoregulate the medicine into the patient's body who is suffering from breathing issues or lung disorders. This helps to deliver a drug by nebulization and minimize the energy engagement of the patient that manage and regulate the concentration.

- **IOT ENABLED AIR QUALITY MONITORING AND ALERTING SYSTEM**
  It's ability to collect real time data, that analyze complex pattern and facilitate informed decision making. This system offers a holistic approach to managing air quality. By integrating seamlessly into existing infrastructure and leveraging the power of IoT, it provides a scalable and adaptable solution for monitoring air pollution in diverse contexts.

- **A PERSONALIZED CHATBOT USING ARTIFICIAL INTELLIGENCE**
  Primary Objective: Develop an intelligent medical chatbot capable of understanding and responding to healthcare-related queries using natural language.
  Specific Goals: Enable real-time symptom checking and diagnosis. Provide recommendations for home care or suggest medical consultation when necessary. Improve healthcare efficiency by streamlining patient triage.

- **GLUCOBREATH: AN IOHT AND BREATH- BASED NON-INVASIVE GLUCOSE ANALYSIS**
  The "GlucoBreath" system, which blends breath analysis, glucose sensing, and heart rate monitoring, offers a non-invasive, all-inclusive solution for glucose monitoring and general health assessment. By combining IoT with ML, the system provide real-time, personalized feedback, making it an effective tool for diabetes treatment and overall health monitoring.

JOURNAL PUBLISHED

- Title: Retinal image analysis using CNN architecture
  Publisher: Web of science publishers

INTERNSHIPS

- **Equipment Handling and Trouble Shooting**
  ARUN HOSPITALS, Pollachi
  During this internship, I gained knowledge and experience in handling equipment.
- **Embedded System in Healthcare**
  EMGLITZ TECHNOLOGIES, Coimbatore
  During this internship, I gained knowledge and experience in developing embedded systems and it's working.

CORE SKILLS

- **Communication:** Be clear, engaging, and use simple language.
- **Questioning:** Ask open-ended questions to encourage thinking.
- **Explanation:** Break down complex ideas into easy steps or visuals.
- **Classroom Management:** Keep attention focused and guide behavior positively.
- **Assessment:** Use quick checks (like quizzes or discussions) to track understanding.
- **Feedback:** Give specific, kind suggestions for improvement.
- **Adaptability:** Adjust your approach based on learners' needs and responses.

TECHNICAL SKILLS

- Biomedical instrumentation
- 3D Printing
- Equipment Handling
- Embedded System

LANGUAGES

- Tamil (Read, Write, Speak)
- English (Read, Write, Speak)
- Hindi (Read, Write)

PERSONAL DETAILS

- Date of Birth : 03/12/2003
- Marital Status : Single
- Gender : Female
- Place : Coimbatore, Tamil Nadu

DECLARATION

- I, hereby declare that all the information stated above is true to my knowledge.

Yours truly,

SIVA SHREE S