





SNEKA VARSHINI V

ELECTRONICS AND COMMUNICATION ENGINEERING

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ORGANIZATIONS

Institute of Electrical and Electronics Engineers(IEEE),Student Branch Council

Cultural and Musical Club, Executive Member

AREA OF INTEREST

- Digital Electronics
- Analog Communication

SKILLS

- **Programming Languages:** C
- **Web Development:** HTML, CSS
- **Databases:** SQL
- **Software Tools:** Cadence, Proteus

CONSULTANCY PROJECTS

Bidirectional Visitor Counter and Face Recognition Attendance System for "N.R.G. TEX" – FUND: RS: 12,000 /-.

INTERNSHIP

Completed a Codsoft virtual internship where I designed a professional portfolio and a responsive landing page. Focused on clean design, user experience, and adhering to best practices in web development.

PUBLICATIONS

Conference proceedings

Pavithra, M., Archana, D., Tamilkumaran, A., Sneka Varshini, V., & Suhash, E. (2024, April). Enhanced Framework for Concurrent correction and Segmentation in Retinal Optical Coherence Tomography. In 2024 International Conference on Communication, Computing and Internet of Things (IC3IoT) (pp. 1-6). IEEE.

LANGUAGES

- TAMIL
- ENGLISH
- KANNADA
- GERMAN(A2 LEVEL COMPLETION)

OBJECTIVE

A motivated and detail-oriented professional looking to use my technical skills and passion for innovation in projects related to technology and automation. I am dedicated to achieving high-quality results and open to learning and adapting to new challenges. I aim to work with dynamic teams to improve processes, find efficient solutions, and help the organization grow and succeed.

EDUCATION

Bachelor of Engineering(BE)

2021 – 2025 | ERODE
KONGU ENGINEERING COLLEGE CGPA-8.56

Higher Secondary Certificate (HSC)

2020 – 2021 | TIRUPUR
INFANT JESUS MATRICULATION HIGHER SECONDARY SCHOOL 94.50%

Secondary School Leaving Certificate (SSLC)

2018 – 2019 | TIRUPUR
INFANT JESUS MATRICULATION HIGHER SECONDARY SCHOOL 92%

PAPER PRESENTATION

Paper presented on "OCT RETINAL LAYER SEGMENTATION" at Karpagam School of Higher Education, Coimbatore.

Paper presented on "ARTIFICIAL HAND USING EMBEDDED SYSTEM" at PSG ITECH, Coimbatore.

Paper presented on "CARBON NANOTUBE -BASED CO2 CAPTURING DRONES" at GCT ,Coimbatore.

PROJECTS

AUTOMATED RETINAL DETECTION IN EYES USING OPTICAL COHERENCE TOMOGRAPHY IMAGES

Designed and implemented an automated retinal disease detection system using Optical Coherence Tomography (OCT) images. Utilized advanced image processing techniques to develop an accurate diagnostic tool for retinal conditions.

AWARDS

Received Academic Performance Certificate for the Academic Year 2021-2022 at Kongu Engineering College with a monetary prize of 22,500.

Achieved second place in the Kongu Engineering College's Circuit Connection competition.

DECLARATION

I hereby declare that all the information provided above is true to the best of my knowledge and belief. Signature: [SNEKA VARSHINI V]