SUSHRUTHA S ATHREYA

STUDENT AT RNSIT

PERSONAL PROFILE

I am a 21-year-old studying engineering at RNSIT. My goal is to obtain a challenging position in the field of electronic engineering, where I can utilize my skills, knowledge, and experience to contribute to the growth of the company and self.

Education Background

- **RNSIT College 2021 - Present**   –CGPA-6.98
  - Member of Robotronics Club
  - IEEE Member and volunteer
  - Core team member of ACTKRIT (Acting club)
- **Vidyaniketan PU College** (2ndPU)   - 89.83%
- **Vidyaniketan public school** (10 CBSE)   –87.6%

Project

- **FOREST FIRE DETECTION**
  - Forest fire detection using multiple sensor
  - Expanding the same concept to UAV based monitering system in future
- **Automatic Irrigation System using Soil moisture**
  - Concept of irrigation using arduino
- **Noise Cancellation using kalman Filter**
  - Concept of speech enhancement using Matlab
- **DESIGN OF FIR AND IIR FILTER USING MATLAB**
  - Concept of speech enhancement using Matlab
  - Filter design and analysis with an user interface

Achievement

- Best project Winners at open house expo conducted by ECE Department RNSIT
- volunteered and at IEEE SPS Seasonal school
- participated in civiliod compitation
- presented and volunteered at seminars conducted by robotronics club

Certifications

- participated in IEEE SPS Seasonal school conducted at RNSIT
- Attended Arduino workshop conducted by Madilu Foundation
- Matlab onramp and Simulink course completion
- ESP 32 Workshop Conducted by Robotronics
- Infosys Spring Board courses

Internship

- Worked on Designing and Testing of SMPS at Century Metering System and Controls

Reach Me At

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