**Sreedevi S**

**PROFILE**

An Electronics and Communication engineering undergraduate with good leadership and management skills, who is hardworking, ambitious, fast learner and interested to learn new things.

**EDUCATION**

* **B.Tech Electronics and Communication Engineering**

**CGPA – 7.25 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 79.3% **2019**

Institution:

* **Class 10** – 86.6% **2017**

Institution:

**TECHNICAL INTERESTS**

IoT

**PROJECTS**

**Food Spoilage Detction Using Smart System**

The parameters like humidity, bacteria, and temperature are major factors on which the rate of food depends on.So in this IoT project, a Food Monitoring device is implemented to monitor the real time values of the temperature, humidity, and methane gas, which are prime measures in food quality, will be measured and displayed. If the temperature is at the critical value, user will receive a notification through an app.

**Toxin Content Detection for Edible Products**

Targets on the food safety management. Helps to better relate operational food safety management to public health goals. Give guidance to food chains about the expected safety of food products and at the same time help food chains to design their food production and food safety management systems.

**Dual-Band Microstrip Filtering Power Divider Based on One Single Multimode Resonator**

A new design of dual-band (DB) microstrip filtering power divider (FPD) is presented. It is mainly constructed by integrating only a single multimode resonator and an isolation resistor, achieving the power division and DB filtering response, simultaneously.

**IoT enabled Air Pollution detector**

IoT enabled air pollution meter to monitor air quality on your smartphone using Blynk application and Arduino board

**TECHNICAL SKILLS**

Arduino, Python, LaTex, TinkerCad, LTSpice, Cadence Virtuoso, Proteus

**LANGUAGES**

English, Malayalam, Hindi

**ACHIEVEMENTS & HONOURS**

**Bafakhy Yatheem Khana Arts and Science College for Women, Kalpakanchery**, *Speaker*. Conducted class on "Goal Setting" for 100 students of 1’st semester undergraduates.

**EXTRA CURRICULAR ACTIVITIES**

**SMILE (Student Social Responsibility Project)**

Provided fund to a deserving lady, who is a divorcee, mother of two kids and depriving resources and opportunities to buy goat and its shed for making livelihood. Fund is raised through Instagram page by selling handmade craft products and funds received from people.