

Bommidi Sivani

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Musthakhan petta

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Machilipatnam

Krishna district

Pin Code-521001

Career Objective: Looking for challenging role so that I can use my skills and capabilities through sincere dedication and hard work for successful career.

Academic Profile:

Since 2020

Bachelors of Technology – Electronics and Communication Engineering

CGPA – 7.75(till date)

Seshadri Rao Gudlavalleru Engineering College

Gudlavalleru – 521356

2018-2020

Intermediate – MPC

Percentage – 90

Sri Chaitanya Junior College

Machilipatnam – 521001

Exposure:

Project:

1. HEART RATE MONITORING AND HEART ATTACK DETECTION USING ARDUINO:

Description:

Our device helps the persons to detect the heart attack at home itself like blood pressure monitor(sphygmomanometer). It allows to detect heart rate of a person using heartbeat sensing and used to transmit signal through internet, when a person heart rate is high or low levels of heartbeat limit. Person's heartbeat varies with age. Different persons have different pulse limit. After setting these limits for the device, the system starts monitoring and as soon as person heartbeat goes above or below a certain limit, system sends alert message through internet to the doctor or family members and then anywhere the person can be saved on time immediately.

2. MY CALCULATOR

A calculator was designed using HTML, CSS and JavaScript.

Tool used: Sublime Text

Learning: Learnt how to design as per the requirements.

3. DESIGN AND VERIFICATION OF 16 BIT RISC PROCESSOR USING VEDIC MATHEMATICS:

In this project, 16 bit RISC processor designed with Vedic multiplier design and hybrid adder

design. The main achievement in the work is that arithmetic and logic unit (ALU) and multiplier and accumulator (MAC) is implemented using Vedic sutras. The principle used in Vedic mathematics is to reduce the typical calculation of conventional mathematics to very simple one and hence reduce the overall computational complexity. The hybrid adder is used to take one step forward for the optimization of RISC processor.

Internships:

EMBEDDED SYSTEMS at MICROLINK

Technical Skills:

Programming languages: Java, HTML, CSS, JavaScript
Technical: Digital Circuit Design

Workshops:

Workshop on Embedded System--A two day workshop conducted in JNTU KAKINADA.

Achievements:

- Certification of Participation in Paper Presentation
(Technical Event conducted in V.K.R, V.N.B & A.G.K College of Engineering)
- Certification of Participation in Poster Presentation
(Technical Event conducted in V.K.R, V.N.B & A.G.K College of Engineering)
- Certification of Participation in Paper Presentation
(Technical Event conducted in Usharama College of Engineering & Technology)

Strengths:

- Effective Communication
- Leadership
- Decision Making
- Problem-solving

Personal Profile:

Date of Birth	: 13/5/2003
Gender	: Female
Languages Known	: Telugu, English
Hobbies	: Listening music, Watching Animation