

# RUKSANA M

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## OBJECTIVE

To seek an opportunity in working for an encouraging and stable company that will assist in developing, improving, and obtaining the necessary skills in order to become the best engineer possible.

## EDUCATION

- **A P J Abdul Kalam Technological University, Kerala**  
2021  
MTECH - VLSI Design  
8.6 CGPA
- **A P J Abdul Kalam Technological university, Kerala**  
2019  
BTECH - ECE  
6.8 CGPA
- **State Education Board, Kerala**  
2014  
Higher Secondary  
80%
- **State Education Board, Kerala**  
2012  
High School  
94%

## SKILLS

- Basics of OOPS
- Basics of Verilog
- Basics of HTML ,CSS
- Basics of C++
- Ms.Excel
- Ms.Power Point
- Ms.Office Word

## PROJECTS

- **Low Transition Encoder and Adder Based High Performance Modified Booth Multiplier(2021)**  
Booth Multipliers built from proposed strategies were compared to the state of the art versions known from literature and achieve better results in terms of power and performance.
- **Automated Driver Vehicle Control System Using CAN Protocol(2019)**  
This is based on CAN which uses embedded networking for efficient data transfer.Improves driver vehicle interface.Fuel level indication,Parking assistance,Speed are monitored.Also these parameters can connected with IoT and can be monitored.
- **Smart Bus Alert System For Easy Navigation of Blinds(2018)**  
Navigating the visually challenged people and thus provide a solution with the aid of wireless sensor networks.

## LANGUAGE

- English
- Hindi
- Tamil
- Malayalam

## ACTIVITIES

- Participated in the national level two days workshop on introduction to Arduino.
- Participated in the four days workshop on Entrepreneurship Development and Career Planning(IGNITE).
- Attended internship conducted at KELTRON, Thrissur.
- Attended internship at TRILACIOUS, Palakkad.
- Participated in the even Paper Presentation On Smart Card Security during COMMOS Tech Fest 2k17.
- Participated in technical event and conference conducted by NCERC.

## PUBLICATION

- **Low Transition Encoder and Adder Based High Performance Modified Booth Multiplier**  
Published on International Journal of Scientific Progress and Research (IJSPR)ISSN:2349-4689 Volume 79,Number 06,2021.

## SYNOPSIS

- Ability in learning new concepts quickly, working well under pressure and communicating ideas effectively.Adaptness in handling multiple priorities, with a genuine interest in personal and professional development.Excellent team player & an effective communicator with strong analytical, leadership, interpersonal skills as well as ability to work effectively in fast paced environment.

## DECLARATION

- I hereby declare that all the above information given here is true and best of my knowledge and if any irregularities found i will be solely responsible for that.

Date:

Place:Palakkad.