DHANALAKSHMI KORADA

PROFILE

As a recent graduate,Iam seeking a role which allows me to continue learning and perfecting my skills as I provide high-quality work, strongly focused to complete the tasks in Fast-faced Environment.

CONTACT

PHONE:
8919703929

EMAIL:
dhanalakshmikorada2000@gmail.com

WORKSHOPS ATTENDED

- **Arduino with Scratch**

Participated in three day workshop conducted by APSSDC at IIIT-Srikakulam.

- **PCB Designing**

Participated in two days workshop conducted by APSSDC at IIIT-Srikakulam.

PROFESSIONAL TRAINING

6 months **VLSI Physical Design** using **Synopsys** tool training at **Sumedha Design Systems Pvt.Ltd** , Hyderabad.

EDUCATION

- **Integrated B.Tech,Electronics and Communication Engineering at Rajiv Gandhi University of Knowledge Technologies,Srikakulam.**
  (Jun, 2018 – May, 2022) **CGPA- 8.5**

- **Pre University Course at Rajiv Gandhi University of Knowledge Technologies,Srikakulam.**
  (Aug, 2016 – May, 2018) . **CGPA-7.2**

- **Z.P.High School at Chitrada.**
  (Jun, 2015 – Apr, 2016) **CGPA-9.7**

TECHNICAL SKILLS

- CMOS Fundamentals
- Scripting Language (TCL,TCSH)
- Digital Logic Fundamentals
- Verilog and STA
- Familiar with ASIC Flow (RTL to GDSII)
- Arduino
- PCB Design

REAL TIME PHYSICAL DESIGN PROJECT

- Tool **:** DC_SHELL
- Description **:** Block Level Implementation
- Duration : 1 month
- Technology node : 28nm TSMC
- Instance count : 810
- Frequency : 400 MHz
- Number of Clocks : 3
- Generated Clock: clk 12x div_2
- Metal Layers : 9

DECLARATION

I here by declare that the above details furnished by me are true to the best of my knowledge.

PROJECTS

- **Line Follower Robot using Arduino UNO**

A Line Following Robot is an autonomous robot which is able to follow either a black or white line that is drawn on the surface consisting of a contrasting colour. It is designed to move automatically and follow the made plot line.

- **Digital Clock Using Logic Gates**

Designed a digital clock of 24 hours using 7490 decade counters and seven segment display on breadboard with 98% accuracy.

- **Leaf Disease Detection Using Deep Learning**

Early plant Disease detection plays a significant role in efficient crop yield.plant disease like blacks measles, black rot etc.

- **Fake Account Detection Using Machine Learning**

It performs the algorithm random forest,neural networks and SVM are used for the fake account detection.