

**KUNCHARAPU SRIKAR REDDY**Course : **B.Tech**, Electronics & Communication Engineering, 2022

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CGPA : 8.72



ACADEMIC DETAILS					
COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	Narayana Junior college	Telangana Board of Intermediate Education (TSBIE)	96.4 %	2018
CLASS X		SPR School of Excellence	Telangana Board of Secondary Education (SSC)	9.8 GRADE	2016

<b>Subjects / Electives</b>	Digital Design through Verilog(Professional Elective completed in 3-1semester), CMOS IC Design(Professional Elective completed in 3-2), Digital Design Verification with System Verilog(Current Ongoing Professional Elective(4-1)), Mixed-Signal Design(Current Ongoing Professional Elective(4-1)), Digital Design and Verification with Universal Verification Methodology (Current Ongoing Professional Elective(4-1))
<b>Technical Proficiency</b>	Verilog, Digital Electronics, Digital Circuit Design, CMOS, Analog Circuits, Circuit Analysis, Computer Architecture, Analog Communication, Electromagnetics, C Programming, Python, Computer-Aided Design (CAD)

SUMMER INTERNSHIP / WORK EXPERIENCE	
<b>Trainee, KriSemi Design Technologies Pvt Ltd  </b> I was trained about FPGA based Digital System design using Front End EDA Tools.	<b>Apr 2021 - May 2021</b>

PROJECTS	
<b>Design of Watch dog Timer - VLSI</b> ◦ If, due to a hardware fault or program error, the computer fails to restart the watchdog, the timer will elapse and generate a timeout signal. ◦ The timeout signal is used to initiate corrective actions. The corrective actions typically include placing the computer and associated hardware in a safe state and invoking a computer reboot.	<b>Jun 2021 - Jul 2021</b>
<b>Women safety Device - Technology</b> ◦ It helps women when they were attacked by strangers. ◦ It is a hardware device that looks like a tiny box contains a GPS-tracker, SOS emergency or SOS alert,a sting containing poison attached to box, emergency alarm.	<b>Jan 2020 - Mar 2020</b>
<b>Autonomous luggage carrier Robot - Robotics</b> Smart luggage carrier robot features a GPS that can be used to know the location of the user. The user can call the bot using an app that shares the user's location with the bot. The user can use the bot to carry his luggage along with him. The bot follows the user and once he is done with the usage, the bot automatically calculates the weight and the distance and generates the bill. The user can make the payment directly.	<b>Jun 2019 - Sep 2019</b>
<b>Toll Assistance Robot - Robotics</b> ◦ It is a Semi-Autonomous Robot which works on IOT based Application. ◦ It is used to detect the smoke ejected by vehicles Near Toll Gates.	<b>Sep 2018 - Dec 2018</b>

TEST SCORES		
TEST NAME	DATE OF EXAM	SCORE
GATE ECE(2021)	Feb 7, 2021	Rank: 875

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
<b>NPTEL Course On Analog Electronics</b>	NPTEL	◦ An online Certification Course On Analog Electronics Conducted by NPTEL for about 12 weeks. ◦ I have Passed the exam with a score of 80%.
<b>Skill Development Program in VLSI</b>	CoreEL Technologies	A skill Development Program on Design, Implementation &Verification in VLSI by CoreEL Technologies In association with Xilinx.

POSITION OF RESPONSIBILITY	
<b>Technical Mentor - The Robotics Club-SNIST</b> Technical Mentor for a team of 10 members in The Robotics club for sharing the technical Knowledge and help them in building prototype.	<b>Oct 2019 - Jan 2020</b>

COMPETITIONS	
<b>Innovation Hackathan</b>	<b>May, 2020</b>

11 days Innovative Hackathon conducted by Telangana Innovation Cell.	
Innovation Hackathon	Jan, 2020
Student Innovation Competition	Jun, 2019
VOLUNTEER EXPERIENCE	
Roboveda-2019 - Role: volunteer   Cause: Science and Technology	Sep 2019 - Sep 2019
LANGUAGES KNOWN	
Telugu, English, Hindi	
EXTRA CURRICULAR ACTIVITIES	
Chess	
Cricket	