KANCHI MOHAN KRISHNA | 20CS10030

COMPUTER SCIENCE & ENGG. (B.Tech 4Y)

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	B.TECH	IIT Kharagpur	8.72 / 10
2020	Central Board of Secondary Education	Narayana E-Techno School, Hyderabad	95.2%
2018	Senior School Certificate Examination	Viswabharati EM High School, Gudivada	10 / 10

PROJECTS

Online Sales Portal | Course Project - IIT Kharagpur   **Spring 2022**
- *Software Engineering Project under Prof. Sourangshu Bhattacharya and Prof. Abir Das*
• Developed an online sales portal,where people can buy and sell their products on the same platform.
• Designed a portal such that there is a scope for Manager,who can control the processes in the system.
• Developed the frontend part using HTML,CSS and Bootstrap and backend using Django.

Marble Maze | Course Project - IIT Kharagpur   **Spring 2021**
- *DIY Project under Prof. Sandeep Kumar Reddy*
• Built a live demo of the game using Arduino UNO,motors and sensors.
• Incorporated a Joystick to guide the marble in the maze to the finish point.
• Developed a C++ program for controlling the motors using a joystick.
• Improved it by adding features like displaying background score and adding music in background.

SKILLS AND EXPERTISE

Programming Languages: Proficient: C, C++ | Familiar: Python, HTML, CSS, Bootstrap, Java, Django
Operating Systems: Windows, Linux
Libraries: C/C++ : STL **|** Python: Numpy,Pandas,Matplotlib

COURSEWORK INFORMATION

• Programming and Data Structures (CS10003 &CS19003)
• Software Engineering (CS20202 &CS29202)
• Discrete Structures (CS21201)
• Advanced Calculus (MA11003)
• Systems and Programming Laboratory (CS29206)
• Algorithms-I (CS21203 &CS29203)
• Linear Algebra (MA11004)
• Formal Languages and Automata Theory (CS21204)
• Probability and Statistics (MA20205)

AWARDS AND ACHIEVEMENTS

Joint Entrance Examinations   **[2020-2021]**
• Secured All India Rank **292** in JEE Advanced (out of 2,50,000 participating candidates).
• Secured All India Rank **415** in JEE Mains (out of 10,23,000 participating candidates).

KVPY Scholarship   **[2019-2020]**
• Awarded KVPY Scholarship and was among **Top 3%** of more than 50,000 qualified candidates.

National and International Olympiads   **[2015-2016]**
• Secured State Rank **3** and International Rank **10** in 18th National Science Olympiad.
• Secured International Rank **100** in 9th International Mathematics Olympiad.

State and National Level Abacus Championships   **[2010-2011]**
• Secured State Rank **1** in 4th State level Abacus Championship held in Chennai.
• Secured National Rank **5** in 6th National level Abacus Championship held in Bangalore.

EXTRA CURRICULAR ACTIVITIES

District Level Science Fest   **[2017-2018]**
• Organized and Participated in District level Science Fest Conducted by our School.

Inter Hall Tournaments   **[2021-2022]**
• A member of Choreography Team at Nehru Hall of Residence, IIT Kharagpur for the Inter Hall Tournament.
• A member of Cricket Team at Nehru Hall of Residence, IIT Kharagpur for the Inter Hall Tournament.
• A member of Volleyball Team at Nehru Hall of Residence, IIT Kharagpur for the Inter Hall Tournament.