# KANNA SANDEEP RAJ | 19EC10034

## ELECTRONICS & ELEC. COMM.ENGG. (B.Tech 4Y)

## EDUCATION

| Year | Degree/Exam | Institute | CGPA/Marks |
|------|-------------|-----------|------------|
| 2023 | B.TECH | IIT Kharagpur | 9.00 / 10 |
| 2019 | Board of Intermediate Education-AP | Sri Chaitanya Junior College | 10 / 10 |
| 2017 | Board of Secondary School Education-AP | Z.P.P High School | 10 / 10 |

## AWARDS AND ACHIEVEMENTS

- Secured an All India Rank of 1131 in IIT JEE Advanced among 200,000 candidates    (2019)
- Secured an Percentile of 99.91 and an All India Rank of 1114 in JEE Main among 1.2 milion candidates    (2019)
- Achieved a rank of 390 in AP-EAMCET among 230,000 candidates    (2019)
- Achieved a rank of 220 in TS-EAMCET among 210,000 candidates    (2019)
- Secured an All India Rank of 78 in VITEEE among 162,000 candidates    (2019)
- Scored 406 out of 450 in BITSAT-2019    (2019)
- Recipient of NMMS(National Means &Merit Scholarship) held by Directorate of Education,Delhi.    (2015)

## COURSEWORK INFORMATION

Programming and Data Structures , Introduction to Algorithms , Probability and Stochastic Processes , Intro to Electronics , Network Theory , Signals &Systems , Analog Electronics , Systems Programming .

## SKILLS AND EXPERTISE

Programming Languages   :  C , C++ , Python , Familier with Django.
Tools and Software       :  Git , SolidWorks , MS Office , LT Spice ,Tina-ti.

## PROJECTS

### Gamma Project

- Created a Main Command Center, where a Professor can create batches, declare Deadlines, and access information of Students who have acknowledged the notification.
- Developed Django Website with user authentication where professors can create customized classes.

### Graphics Interchange Format

- Implemented Double Buffering Technique to remove flickering of graphics successfully.
- Simulated a 2-D animation with Rigid Body Constraints over elements in animation utilising graphics library which facilitates multiple graphical operations in C++.

### Snake Game

- Implemented Basic Snake Game using graphics library in C++.

## EXTRA CURRICULAR ACTIVITIES

- Secured First Place in Chess (Seniors Category) in The East Godavari District Secondary Schools Zonal Sports and Games Meet 2016-17.
- Secured First place in Mock Parliament &Second place in Debating Competition held under Election Commission of India on the eve of National Voter's Day 2017.
- Secured Global rank 134 out of 9k participants in codechef June Cook-off challenge in 2021.
- Member of the Bronze winning team in Inter Hall Illumination (2019-2020).
- Secured First Place and awarded 15k Cash prize in Vivekananda Talent Test-2016 conducted among all Secondary Schools in 8 mandals.
- Awarded "The Sarvaraya Merit Award" and 15k cash prize by Sri Sarvaraya Sugars Limited, D Kesavaram for securing First Rank in Kesavaram in Tenth class Examinations.
- Awarded A+ grade in Art and Cultural Education by Board of Secondary Education A.P.
- Member of National Sports Organization: Health &Fitness to maintain &spread awareness towards healthy living.
- Secured First Place in East Godavari District in Godavari Talent Test-2012.
- Secured First Place in Science Talent Test -2017 conducted by APPSTF, East Godavari on the eve of National Science Day.

!self declaration by the student