



| Academic Details | | | |
|------------------|---|--|---------------|
| Year | Degree | Institute | CGPA/Marks(%) |
| 2024 | B.Tech Mathematics and Computing | Indian Institute of Technology Hyderabad | 8.56 |
| 2020 | XII (Telangana State Board of Intermediate Education) | Sri Chaitanya Junior Kalasala | 95.4% |
| 2018 | X (Board of Secondary Education, Telangana) | Dr. KKR Gowtham Educational Institution | 9.5 |

Scholastic Achievements

- **JEE Advanced 2020:** Secured an All India Rank **2855** among 250,000 candidates
- **JEE Main 2020:** Secured **99.44** percentile among 1 million candidates
- Cleared PRMO and qualified for RMO 1st level is 2018
- Earned a Licensed Certificate in Coursera on **Python for Everybody Specialization**, offered by University of Michigan
- Currently enrolled in **Applied Data Science with Python Specialization** in Coursera, offered by University of Michigan
- Currently a 2-star coder in CodeChef

Skills

Languages: *Proficiency* in Python, C & C++, *Familiar* with Prolog, SQL, HTML, MATLAB

Softwares & Tools: LaTeX, Git, Vim Editor, PyCharm, Xcode, iMovie, Grapher, Mac Pages, Mac Numbers, Mac Keynote

Interpersonal: Public Relations, Leadership, Communication

Work Experience

Public Relations Coordinator at Elan & ηVision 2022, IIT Hyderabad

- Analyzing the public opinions, and drafting efficient strategies accordingly while managing all the social media handles, and maintaining all the databases. Public Image of the fest.
- Managed more than 200+ Campus Ambassadors for the fest with a team of around 45 volunteers.
- Managed all the socials of Elan & ηVision along with my fellow coordinators.

Operations Manager at E-Cell, IIT Hyderabad

- Responsible for managing and deciding the flow of in-campus events, taking care of every aspect needed in order to conduct the event.
- Conducted Biz-Quiz during E-Summit 2022, the annual flagship event of E-Cell.
- Was a CA Manager and lead 30 Campus Ambassadors assigned to me.

Quiz Club Coordinator at Literary Society, IIT Hyderabad

- The core of Literary Society, one of the most active clubs. As a club, we conduct various sessions and quizzes through out the year.
- Introduced Let's Get Trivial, facts on various topics for increasing the general knowledge, and insights on current affairs for the student community.
- Conducted three quizzes in an online mode, and four quizzes in an offline mode, in different genres.

Projects

- **Pagerank Algorithm** Personal Project
 - Python Capstone Project
 - Part of Coursera Specialization on Python for Everybody
 - Used by Google Search to rank their webpages for their search engine results
- **Elliptic Curve Cryptography** January 2022 - Present
 - Group Project on Elliptic curves and their applications on cryptography
 - Studying about elliptic curves in details and implementing them in programming language
- **Heuristic Optimization Algorithms** April 2022
 - Group Project as part of AI2101 Course Work, under Prof. Aditya T Siripuram
 - Working on non-convex problems to solve using heuristic approaches
 - 3 different algorithms - Traveling Salesman, Tabu Search, and Knapsack
- **Cluster Analysis** December 2021
 - Group Project as part of MA2233 Course Work, under Prof. Balasubramaniam Jayaram
 - Clustering using Minimum Spanning Trees
 - Clustering of randomly generated points on various termination criteria
- **Intricacies of Study Environments at IIT Hyderabad** April 2022
 - Group Project as part of MA4240 Course Work, under Prof. Sameen Naqvi
 - Conducting a survey of various preferences while studying over the IITH Student Community
 - Analyzing the collected data and forming inferences

Relevant Courses

- **Computer Science:** Data Structures & Applications, Algorithms, Theory of Computation, Python for Everybody (Coursera)
- **Applied Mathematics:** Combinatorics, Introduction to Number Theory, Introduction to Group Theory, Linear Algebra, Ordinary Differential Equations, Probability Theory, Applied Statistics, Artificial Intelligence, Convex Optimization

Positions of Responsibility

- | | |
|---|---------|
| • Public Relations Coordinator at Elan & ηVision, IIT Hyderabad | 2021-22 |
| • Operations Manager at E-Cell, IIT Hyderabad | 2021-22 |
| • Quiz Club Coordinator at Literary Society, IIT Hyderabad | 2021-22 |
| • Content and Outreach Team at ACM Student Chapter, IIT Hyderabad | 2021-22 |
| • Departmental Representative of CSE, Math at Diesta, IIT Hyderabad | 2021-22 |
| • Class Representative of MnC Branch, IIT Hyderabad | 2021-22 |
| • Class Representative of MnC Branch, IIT Hyderabad | 2020-21 |
| • UG Student Buddy at Sunshine, IIT Hyderabad | 2020-21 |

Extracurricular

- Actively participated and conducted various events while holding various Positions of Responsibilities at IIT Hyderabad
- Part of School Cricket Team (Inter-School) Playing XI as a Bowler in Bharatiya Vidya Bhavans Public School Vidyashram, Jubilee Hills, Hyderabad
- Part of School House Football Team (Inter-House) Playing XI as a Defender in Bharatiya Vidya Bhavans Public School Vidyashram, Jubilee Hills, Hyderabad