



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2023	B.TECH	IIT Kharagpur	7.81 / 10
2019	All India Senior School Certificate Examination	Sri Chaitanya Techno School, Bangalore	93.8%
2017	All India Secondary School Examination	Sri Chaitanya Techno School, Bangalore	10 / 10

PROJECTS

Multi Agent Path Finding | Course project (March '21)

- Developed an algorithm under the guidance of Prof. Partha Pratim Chakrabarti to generate an **optimal work schedule**. Robots transport the items from the source locations to destination locations with minimum time.
- Successfully executed the algorithm using Python programming language. The algorithm **ensured no collisions** between the robots themselves and with the obstacles by using the temporary storage locations.

Android app for lab experiments | Course project (Apr '21)

- Developed an Android app for performing experiments of the Work System Design Lab(IM29008) course online under the guidance of Prof. Balagopal G Menon.
- Used Android studio as the IDE, Flutter as the SDK, and Dart programming language to develop the app.
- Created a User Interface(UI) that **explains how to perform the experiment** and tests the user's understanding of the concept with a **quiz**.

INTERNSHIPS

IoT and Computer Vision intern | The Sparks Foundation (Jun '21 - Jul '21)

- Successfully implemented an image color detector that identifies all the colors in an image or video.
- Used **KMeans algorithm** and libraries like **Matplotlib, Pandas, Numpy, and OpenCV** to show all the colors in an image, search images using color and filter the results.

POSITIONS OF RESPONSIBILITY

Senior Coordinator | Branding and Relations Cell | IIT Kharagpur (Jul '21 - Present)

- Elected among 10 student members by the previous administrative body of BARC to lead the Sponsorship team.
- Implementing the first-ever online edition of Young Innovators Programme 2021, in collaboration with the Office of Alumni Affairs and International Relations.
- Guiding a team of 30 second-year UGs on different facets such as content, sponsorship and other cell initiatives.

Student Member | Branding and Relation Cell | IIT Kharagpur (Aug '20 - Jun '21)

- Formulated the second edition of the UG Achievers Directory, an initiative to highlight the UGs who performed remarkably in academics or extracurriculars.
- Contributed as a content team member by providing content for BARC's social media posts and initiatives such as Untold Kgp Stories, Spotlight, UGAD.

COURSEWORK INFORMATION

Programming and Data Structures(CS10001) | Operations Research-I(IM21003) | Operations Research-II(IM21006) | Artificial Intelligence: Foundations and Applications(AI61005) | Production Planning and Control(IM31007) | Machine Learning Foundations and Applications(AI42001) | Logistics and Supply Chain Management(IM31008) | Introduction to Financial Management(BM40002) | Probability and Statistics(MA20104)

SKILLS AND EXPERTISE

Programming Languages and Skills: C, Python, MATLAB, Java, SQL, Machine Learning
Softwares and Libraries: Anaconda, Numpy, Matplotlib, Pandas, CPLEX, Google SketchUp, Microsoft Office

AWARDS AND ACHIEVEMENTS

- Secured **state 17th rank** in National Talent Search Examination(NTSE) Karnataka 2016-17.
- Scored 98.838 percentile in JEE Mains 2019 and ranked 13377 out of 1.2 million candidates appeared.
- Secured an All India Rank of **7797** in the Joint Entrance Examination(Advanced) 2019.
- Ranked 103 out of 60,000 students appeared in the COMEDK - UGET 2019 Examination by securing 147 out of 180

EXTRA CURRICULAR ACTIVITIES

- Participated in various social awareness campaigns and worked to develop villages around IIT Kharagpur as a National Service Scheme(NSS) volunteer(2019 - 2021).
- Volunteered at Kshitij 2019-20 and conducted the Boeing IIT National Aeromodelling Competition at IIT Kharagpur.
- Participated in Inter Hall Social and Cultural General Championship 2020's Sketching competition representing Mother Teresa Hall of Residence.