



**MINING.ENG. (M.Tech Dual 5Y)**  
**MICRO SPL. in ARTIFICIAL INTELLIGENCE AND APPLICATIONS**

**EDUCATION**

Year	Degree/Exam	Institute	CGPA/Marks
2023	M.TECH Dual Degree 5Y	IIT Kharagpur	7.35 / 10
2017	Intermediate Education, Andhra Pradesh	Jupiter Junior College, Guntur	96.9%
2015	Class-10 Secondary School Certificate	Z P High School, Nizampatnam	9.7 / 10

**INTERNSHIPS****Data Analytics Intern at insAnalytics:****10 May 2021 - 7 Aug 2021**

- Implemented SEIR model (susceptible, exposed, infectious, recovered) with vaccination part for predicting Covid cases Trend
- My role in the project is collecting, cleaning, preparing data for further analysis, and create data visualisations
- Used Ensemble Kalman Filter (Enkf) Technique for Data Assimilation
- Used python as the programming language for data visualisation and curve fitting

**PROJECTS****E-Commerce Website**

- Built an online store website that allows buying and selling Tangible Electronics, domestic products, books etc.
- Users can log in to view their cart, buy desired Products (products quantity will be updated from backend)
- Implemented HTML, CSS, and Vanilla JS for developing Front-End, Back-End is done with Django and queried using MySQL

**SKILLS AND EXPERTISE****Programming Languages:** C | C++ | python | JavaScript**Other Technologies:** HTML | CSS | SQL (MySQL, IBM DB2) | Bootstrap | WordPress | Excel | Tableau | MS Office**Operating Platforms:** Windows | Linux**COURSEWORK INFORMATION****Classroom Courses:**

- Programming and Data Structures in C/C++ | Machine Learning Foundations and Applications | Advanced Machine Learning | Big Data Processing | Dependable and Secure AI-ML | Geo-Resources Analytics | Probability and Statistics | Linear Algebra | Risk and Reliability

**Online Courses (Coursera):**

- Google Data Analytics Professional Certificate
- Python 3 Programming Specialization - University of Michigan
- Machine Learning - Stanford University
- Data Structures and Algorithms Specialization - University of California San Diego
- Web Design for Everybody - University of Michigan

**COMPETITION/CONFERENCE**

- Secured All India Rank 429 in Gate 2022 Mining Engineering Paper
- Secured All India Rank 4 in AIMSTE 2014-2015(All India Maths Science Talent Examination) conducted by Centre for Excellence
- Won a Consolation Prize in Swami Vivekananda Essay Writing Competition 2014

**POSITIONS OF RESPONSIBILITY**

- Hall secretary, welfare at Lal Bahaddur Sastry Hall of Residence, IIT Kharagpur dated from August 2019 to April 2020
- Mentor under IIT Kharagpur Student Mentorship Program 2019 guiding a group of 5 junior year students
- Member of National Sports Organization(NSO), IIT KHARAGPUR from July 2018- April 2021

**EXTRA CURRICULAR ACTIVITIES**

- Participated in Swachh Bharat Campaign conducted by National Sports Organization(NSO), IIT KHARAGPUR
- Participated in Hall illumination and Rangoli events of LBS Hall of Residence in the year 2019
- Active player in Football Team of LBS Hall of Residence IIT Kharagpur from 2019-2021