Dhirubhai Ambani
Institute of Information and Communication Technology

MIT BORDA

M.Sc. Agriculture Analytics

EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)
CPI: 7.67
📅 July 2023 – Present   📍 Gandhinagar, Gujarat

Anand Agricultural University (AAU))
CPI: 7.88
📅 2019 - 2023   📍 Anand, Gujarat

Class 12th School (GHSEB)
Percentage: 79.3%
📅 2018 – 2019   📍 Ahmedabad, Gujarat

Class 10th School (GSEB)
Percentage: 86.66%
📅 2016 – 2017   📍 Ahmedabad, Gujarat

SKILLS

Area(s) of Interest : Machine Learning, Data Analysis, Remote Sensing and GIS, Statistical Analysis, Data Modelling, Data Visualization.

Programming Languages : Python, SQL

Tools and Technologies : ArcGIS, QGIS, ERDAS IMAGINE, PostgreSQL, Tableau, Power BI

INTERNSHIP

Azista Aerospace Pvt. Ltd.
Data Analyst Intern
📅 May 2024 - July 2024

•During my internship at Azista Aerospace, I gained valuable experience in data analysis and utilized tools like Power BI and Advanced Excel to derive valuable insights from the data.
I worked on a project to develop a predictive weather data model and trigger system for farmers.
• **Guide:** Raumil Desai

PROJECTS

Drought Monitoring and Assessment:
📅 April 2024

•This project involves real-time drought monitoring and assessment in the Gujarat region and examines the intensity of drought using Google Earth Engine (GEE).
• **Guide:** Mr. Abhisek Danodia

Rainfall Prediction:
📅 March 2024

•This project aims to forecast rainfall using historical data from IMD and perform time series analysis using Python.

Soil Moisture Prediction:
📅 February 2024

•This project forecasts soil moisture to assist farmers in making decisions such as irrigation and fertilizer application.
• **Guide:** Dr. Kamal Pandey

Soil Erosion Estimation:
📅 November 2023

•This project estimates soil erosion in Kheda district using the RUSLE model. Google Earth Engine, ArcGIS, QGIS, and Python are utilized for the analysis.
• **Guide:** Dr.Ranendu Ghosh

INTERESTS

• Sports (Badminton)
• Travelling

POSITIONS OF RESPONSIBILITY

National Service Scheme (NSS)

During NSS, I actively participated in initiatives such as cleanliness drives, awareness campaigns, and educational programs as well as organizing a health camp in a rural village.

📅 March-2020

ACHIEVEMENTS

- Participated in the National Agro Youth Summit at Hyderabad, by Heartful Campus and ICAR.
- Training Programme on Agricultural Exports from India:Prospects and Procedure organised by Department of Agriculture Economics and WTO Cell, AAU.
- Received Certificate for 3-day course on "Spatial Analysis with ArGIS pro:Essential workflows" by ESRI.
- Received Certificate for Application of "Advanced Geospatial Technologies in Agriculture (Crop Yield Modelling)" by AMNEX.
- Received Certificate for 3 days course on "Advance Excel, Power BI and Tableau"(Pioneer Tech).
- Received certificate for Microwave-Data Processing and Applications by Space Application Centre, ISRO.