



Dhirubhai Ambani
Institute of Information and Communication Technology

SANKET GONDALIYA

M.Sc. Agriculture Analytics

EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)

CPI: 8.4

M.Sc. | AA

📅 July 2023 – Present

📍 Gandhinagar, Gujarat

Junagadh Agricultural University (JAU)

CPI: 7.23

B.Tech | Agricultural Engineering

📅 2019 – 2023

📍 Junagadh, Gujarat

Shree Sardar Patel Vidya Mandir Rajkot(GHSEB)

Percentage: 72.76%

📅 2018 – 2019

📍 Rajkot, Gujarat

Shree Sardar Patel Vidya Mandir Rajkot (GSEB)

Percentage:67%

📅 2016 – 2017

📍 Rajkot, Gujarat

SKILLS

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

Programming Languages : Python, SQL,R

Tools and Technologies : ArcGIS, QGIS, ERDAS IMAGINE, ENVI, SNAP, PostgreSQL, Tableau, Power BI, SciKit-Learn

EXPERIENCE

Bhaskaracharya National Institute for Space Applications and Geo-informatics

📅 June 2024- July 2024

- During a two-month internship at Bhaskaracharya National Institute for Space Applications and Geo-informatics, focusing on farm boundary detection using deep learning techniques. Gained hands-on experience in designing and implementing convolutional neural networks (CNNs) for spatial analysis. Collaborated with a team to process satellite imagery and enhance precision agriculture practices.
- **Guide:** Dr.Vijay Singh

PROJECTS

CROP STRESS DETECTION USING UAVs / DRONES

📅 April 2024

Guide: Mrs. Shefali Agarwal(IIRS-ISRO)

Crop Damage Recommendations Using PostgresML

📅 March 2024

Guide: Mr.Kapil Oberai(IIRS-ISRO)

Fertilization Recommendation system Using machine learning (ML)

📅 February 2024

Guide: Dr.Kamal Pandey(IIRS-ISRO)

Annual Analyzing the Correlation Between GDP Changes and Greenhouse Gas Emissions Using Python

📅 January 2024

Guide: Dr.Prasun Kumar Gupta(IIRS-ISRO)

Agriculture Drought Analysis Using Time Series Satellite Data Using Python, ERDAS, ArcGIS and QGIS

📅 November 2023

Guide: Dr.Ranendu Ghosh (DA-IICT)

Data Visualization Tool Using Python and PostgreSQL

📅 November 2023

Guide: Dr. Amit Mankodi (DA-IICT)

INTERESTS

- Travel
- Sports
- Cooking

POSITIONS OF RESPONSIBILITY

Class Representative (CR)

During my undergraduate studies, I served as the Class Representative (CR) for my B.Tech batch.

📅 June 2019 – June 2023

ACHIEVEMENTS

- Received Certificate for 3 days course on Spatial Analysis with ArGIS pro Essential workflows (ESRI).
- Received Certificate for 3 days course on Microwave Data Processing and Applications (SAC, ISRO).
- Received Certificate for Application of Advanced Geospatial Technologies in Agriculture (Crop Yield Modelling)(AMNEX).
- Received Certificate for 2 days workshop on Data Visualisation using Power-BI, TableU and MS Excel.
- National Level Students Competition for design, Manufacturing And Demonstration Of Self propelled Onion Harvester (TIFAN-2022).We Make Prototype model of Self-propelled Onion Harvester and Achieve Best Debutant Team Award.
- Participated in all India Agricultural Universities Youth Festival 2022-23 at University of Agricultural Science, Bangalore.
- Participated in National Tech Fest on Food Processing Technology at Anand Agricultural University.