



Dhirubhai Ambani
Institute of Information and Communication Technology
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ZENIL RUPARELIYA

B.Tech, Information and Communication Technology with minor in Computational Science

EDUCATION

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

CPI: 7.91

📅 october 2022 – Present 📍 Gandhinagar, Gujarat

ASHADEEP IIT (GHSEB)

Percentage: 86.00%

📅 2020 – 2022 📍 surat, Gujarat

ASHADEEP VIDHYALAY - 3 (GSEB)

Percentage: 92.66%

📅 2019 – 2020 📍 surat, Gujarat

SKILLS

Area(s) of Interest : Data Structures and Algorithms, Object Oriented Programming, Problem Solving, etc.

Programming Languages : C, C++, SQL, HTML(basic) etc.

Tools and Technologies : MatLab, VsCode, PgAdmin, LaTeX

Technical Electives : Data Structures and Algorithms, Design and Analysis of Algorithm, Object Oriented Programming, Database Management System

POSITIONS OF RESPONSIBILITY

Event Coordinator

Co-ordinated events in Annual Technical Fest i'Fest

📅 November 2023

participated at ramp-walk event in Annual cultural Fest synapse

📅 March 2024

INTERESTS

- Problem Solving
- Mathematics
- Modeling

PROJECTS

POLAR CODES:

📅 March 2024 - April 2024

- This project is about to implement the Polar Codes on Binary Symmetric Channel, Which includes both soft and hard decision decoding.
- This project requires Maths like Probability, Matrix, Algebra and Knowledge of MATLAB.
- **Guide:** Prof. Yash Vasavada

Adhaar Card Management System:

📅 March 2024 - April 2024

- This database project is basic implementation of the Adhaar management of residents, In which people can update, block and apply for the Adhaar card. Also can see their Adhaar related details.
- The concepts used were EER Diagram, Relational Schema, BCNF to make this project and it was implemented on pgAdmin.
- **Guide:** Prof. PM Jat

ACHIEVEMENTS

- **codeforces:**
pupil(Max Rating: 1361)
codeforces round 944 : secured global rank 848
- **coding ninjas:**
get badge(recursion and dp of top 3% coder)
- **Science Olympiad Foundation :**
Secured gold medal in Mathematics OF.
- Secure 4300 Rank in JEE - Advance.
- Secure 5777 Rank in JEE - Main.