

DIPSI HADIYA

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📍 Surat - Gujarat

🌐 dipsi hadiya

Education

- 2022/11 – present **Bachelors of Technology in Electrical Engineering**
Sardar Vallabhbhai National Institute of Technology, Surat-Gujarat
CGPA : 8.20
- 2020/06 – 2021/04 **H.S.C. Gujarat Secondary and Higher Secondary Education Board**
K.K.M.S. Government Higher Secondary Girls School , Kutchh-Gujarat
Percentage : 79%
- 2018/06 – 2019/03 **S.S.C. Gujarat Secondary and Higher Secondary Education Board**
K.K.M.S. Government Higher Secondary Girls School , Kutchh-Gujarat
Percentage : 78.89%

Skills

MATLAB and Simulink , Robot Operating System(ROS) , Arduino IDE, Gazebo Simulation, VHDL, LaTeX, Adobe illustrator, Canva designing, C, C++, Python, HTML, CSS,	Javascript, Front End Web development, Data structures & algorithms, Event management, Communication, Troubleshooting, Critical thinking, Team work, Leadership, Project Management, Active Learning
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Person of Responsible

- 2024/02 – present **Co-head**
MINDBEND, Surat- Gujarat
Co-head of finance and documentation committee in the annual techno-managerial fest (MINDBEND) at SVNIT Surat
- 2023/08 – present **Executive**
ACM, Surat
Executive member of (ACM - Association for Computing & Machinery) , a Coding club at SVNIT Surat

Projects

UNDERWATER SURVEILLANCE ROBOT

Currently working on an underwater robot to inspect underwater structures, surveillance, search and rescue operations, collect underwater data, and explore marine life.

Hull Cleaning

Currently working on an underwater hull-cleaning robot that can clean the hull of the ship using an electromagnetic adhesion mechanism

AUTONOMOUS OBSTACLE AVOIDANCE BOT

Made an autonomous as well as teleoperated obstacle avoidance robot using ROS and Arduino microcontroller, PID controller and Go-to-Goal algorithm

WEB GUI

I am working on a web graphical user interface for our underwater robot that can communicate with our robot to perform tasks autonomously using backend development.