ACADEMIC ACHIEVEMENTS			
MBA	2023-2025	Institute of Management, Nirma University	
B. Tech	2019-2023	G.H. Patel College of Engineering & Technology, Anand	70.04 %
XII | GSEB	2018-2019	St. Stephen's Higher Secondary School, Dahod	57.38 %
X | GSEB	2016-2017	St. Stephen's Higher Secondary School, Dahod	76.00 %

INTERNSHIPS

Devyami Automatic Pumps and Controls Pvt. Ltd.	**Feb 2023 – Apr 2023**
Worked as an Embedded developer trainee	• Spearheaded the development of **IoT** solutions, enabling remote control and monitoring of industrial and domestic appliances for enhanced efficiency • Designed and configured **Programmable Logic Controllers (PLCs)**, optimizing industrial processes, and reducing downtime through the implementation of custom control logic • Played a key role in designing and optimizing **PCB** layouts, ensuring reliable connectivity and minimal signal interference for electronic systems • Leveraged the **ESP-32** microcontroller platform to create embedded systems and IoT applications, enhancing functionality and enabling wireless communication capabilities
Western Railway Workshop	**Jun 2022 – Jul 2022**
Observed and understood various aspects of operations in Indian Railways	• Significantly observed the development and optimization of **hybrid diesel engines** and **turbo-superchargers**, demonstrating proficiency in enhancing the performance and efficiency of these critical automotive components • Understood the key role in managing and maintaining control panels across various sections of trains, showcasing competence in ensuring the **smooth operation** and safety of train systems • Gained valuable insights into the **intricacies of Indian railways**, including the various aspects of wheels, coaches, and wagons

ACADEMIC PROJECT

IOT based Gas Leakage Detector Using Arduino	• Developed a robust **gas leakage detector** capable of efficiently identifying gas leaks in various atmospheric conditions • Implemented an **Arduino-compatible alarm system** triggered by the gas detector, providing comprehensive data for analysis when gas leakage is detected • Enhanced the detector's functionality by incorporating an **LCD display** that not only indicates the location of the gas leakage but also provides real-time alerts to observers • Implemented safety measures by enabling the **gas detector** to activate an **exhaust fan** automatically, expelling the leaked gas and ensuring the **safety** of the surrounding