Parth Shah | (+91) 9558737037 | parth.pcm24253@cept.ac.in Ahmedabad, Gujarat

With a strong foundation in research and informal field experience, I am now aiming for a management role centered on project planning, monitoring, and control. My primary interest lies in management consulting roles with a focus on project feasibility, financial analysis, contract administration, project controls, and cost management. I am dedicated to leverage my skills and expertise to make strategic decision-making and enhance project outcomes effectively.

Professional Training

PSP Projects Pvt. Ltd | Ahmedabad, Gujarat **June 2021-July 2021|1 Month**

Hi-Tech Projects Ltd | Ahmedabad, Gujarat **May 2025-July 2025 | 2 Month**

Education

Masters in Construction Engineering Management | GPA Sem 2 – 3.4 / 5.0 CEPT University | 2024-26

Bachelor of Civil Engineering | CGPA- 8.06 / 10.00 Nirma University | 2021-24

Diploma in Civil Engineering | CGPA- 9.29/ 10.00 Govt. Polytechnic, Ahmedabad | GTU | 2018-21

SSC | Percentage- 79.5% Asia School | GSEB | 2016-18

Academic Projects

1. Detailed site study for Redevelopment of Railway Station (Studio II) | CEPT University Jan 2025 – May 2025

Conducted a detailed railway station redevelopment study with emphasis on pour planning, structural sequencing, and logistics optimization. Developed material and inventory management systems using JIT and lead time analysis to streamline site operations. Applied Earned Value Analysis through Primavera P6 and MSP to track SPI/CPI and ensure proactive project control and forecasting.

2. Feasibility study for Redevelopment of Residential Apartment (Studio I) | CEPT University July 2024 – Nov 2024

A feasibility study was conducted for redeveloping an outdated residential apartment in Ahmedabad. The study covers Context, Problem and option analysis, Location and Demand analysis, Stakeholder and Risk management, Choosing by Advantage, Financial Feasibility, Project scheduling and Procurement strategies.

3. Thermal Insulating Sustainable Concrete | Nirma University Jan 2024 – June 2024

Research was conducted to develop and optimize a mixture design for lightweight sustainable concrete using materials such as LECA, SFA, micron balls, and pumice stone. The study focused on evaluating the physical, mechanical, and thermal properties of this concrete to determine its suitability for field applications alongside aluminum bubble sheets as thermal insulation solutions.

4. Thermal Insulating Concrete | Nirma University May 2023 – Dec 2023

Research was conducted to evaluate the physical, chemical, and mechanical properties of Sintered Fly Ash aggregates (SFA) and Polypropylene (PP) fibers, along with the mechanical properties of Thermal Insulating Concrete (TIC). The study also examined TIC's effectiveness in stabilizing indoor temperatures, reducing HVAC reliance, and explored potential field applications for energy-efficient construction.

5. Rain Water Harvesting Techniques | GTU Dec 2020 – Apr 2022

A study was done to assess the effectiveness of various rainwater harvesting techniques and explore their practical applications for sustainable water use. This analysis provides insights into optimizing rainwater collection for residential and commercial needs.

Software Skills & Core Competencies

1. MS office 2. MS Project 3. Primavera 6 4. AutoCAD 5. Revit 6. Power BI 7. MS Visio

Achievements, Certifications, & Extra Curricular

General Secretary | Indian Concrete Institute (ICI) 2023-24

Technical Head | Organization of Civil Engineering Students (OrCES) 2023-24

Technical Head | Indian Concrete Institute (ICI) 2022-23