

Satyamkumar Jha

[Portfolio](#) • Vadodara, Gujarat • +91 8320989834 • satyamkumar.pge24339@cept.ac.in

Education

CEPT University

M.Tech, Geomatics

- Gaining expertise in geospatial technologies, including GIS, remote sensing, and data analysis for environmental and urban planning.
- Sport Secretary of Faculty of Technology 2024-2025

Ahmedabad, Gujarat
Jul 2024 - Present

ITM Universe (GTU)

B.E, Civil Engineering. CGPA: 9.46

- Thesis on "Structural vibration control using Tuned mass damper".
- Research paper published in IJRAR Journal Paper ID:(IJRAR2002314).
- Review paper on "Use of nanotechnology in the Paint Industry". [Published in IJAERD, e-ISSN: 2348-4470]
- Merit scholarship winner, year 2017-2018,2018-2019.

Vadodara, Gujarat
Jul 2016 - Aug 2020

M.G.M. School (GSEB)

Higher Secondary Certificate Exam (12th) - 75.65 percentile

Secondary School Certificate Exam (10th) - 92.23 percentile

Halol, Gujarat
Jun 2014 - Mar 2016
Jul 2013 - Mar 2014

Experience

Nirman Group Civil Engineer

- Collaborated with architects and engineers to develop and finalize building plans for residential and commercial projects, ensuring compliance with all building codes and regulations.
- Managed and supervised construction crews, ensuring adherence to project timelines, budgets, and quality standards.
- Successfully delivered multiple residential and commercial construction projects on time, within budget, and meeting all client expectations.

Halol, Gujarat
Feb 2022 -Jul 2024

Junagadh Municipal Corporation Trainee Civil Engineer

- Led the monitoring and progress evaluation of Sewage Treatment Plant (STP) and Underground Drainage Zone 8,9 (UGD) projects in Junagadh, India.
- Ensured adherence to deadlines and quality standards through daily site inspections and comprehensive reporting from contractors and project management consultants (PMCs).
- Mapped old borewells, hand pumps, and Pumping Station using Garmin Etrex 20x GPS device.
- Performed water infrastructure surveys and estimations for new connections, pipelines, repairs, and borewell projects in Junagadh Municipal Corporation.

Junagadh, Gujarat
Jul 2021 - Jan 2022

Leadership and Activities

- Selected as the Student Coordinator for Public Relations, Coordination, and Communication for the GTU Innovation Council.
- Presented research paper entitled "Nanotechnology in Paint Industry" at National conference and workshop on Application of Nanotechnology in Civil engineering-2019.
- Participated in Ultratech Sparkling Star Contest.
- Completed a 6-week online Machine Learning training program at Internshala Trainings
- Competitive Examinations: IELTS 2022 - 7.5 bands, GATE 2023- 27.33(CS)(NQ).

- Participated in “Advances in Integrated geoengineering research” and “Advances in Civil Engineering in one day international workshop.
- **Technical Skills:** ArcGIS pro, SNAP, HTML, CSS, JavaScript, PHP, jQuery, SQL, AutoCAD, Etabs, Microsoft Suite, Python.
- **Languages:** English, Hindi, Gujarati.
- **Interests:** Hiking and reading various literature