

▶Kunal Vaghela

- ▶ Master's in **Transportation Engineering**(Civil Engineering)
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Objectives

To prove myself as a diligent and enthusiastic candidate & enhance my working skills by taking up different challenges and opportunities in an organization.

Academic Qualification

- ▶ M.E : L.D. College of Engineering
- ▶ Branch : Transportation Engineering
- ▶ B.E : Shankersinh Vaghela Bapu Institute of Technology.
- ▶ Branch : Civil Engineering.
- ▶ University : Gujarat Technological University.

Examination	Institute/Board	Month/Year	%Marks
ME	GTU	2018	7.32 CPI(Till 3 rd Semester)
BE	GTU	2016	6.00 CPI
HSC	GHSEB	2012	49.01
SSC	GSEB	2010	72.15

Final Year Project:

ME Thesis: Evaluation of organosilane based asphalt additive for bituminous concrete mix

Brief of Thesis: Using organosilane as anti-stripping agent in bitumen by 0.1%, 0.2%, 0.3%, 0.4% by weight of bitumen to increase marshall stability value and also increase adhesion bond between aggregate and bitumen.

BE Project: Replacement of concrete ingredients by waste materials.

Brief of Project: We tried to minimize the use of cement by partially replaced it with ceramic waste. We casted cubes of M-20, M-25 and M-30 grade of concrete with 0%, 10%, 20%, 30% and 40% replacement of cement in designed mix by selected ceramic waste. In three mix designs, maximum possible replacement is noted 30% from interpretation of results obtained.

Area of interest

Concrete Technology, Site Supervision, Project Management, Transportation Engineering, Highway Designing

Co-curricular Achievements and Trainings:

- ▶ Seminar on Sustainable Development of Road Infrastructure organized by Road & Building Department Govt. of Gujarat.
- ▶ Participated in one week short term programing -Soft Computing Techniques in Transportation Engineering held by L.D. College of Engineering.
- ▶ Participated in one day workshop on Engineering Seismology organized by ISR.
- ▶ Participated in Foundation Engineering and Analysis Workshop organized by Civil Simplified.

Skills

- ▶ Auto CAD in 2D and 3D
- ▶ Technical knowledge
- ▶ Communication Skills
- ▶ Microsoft Office

Strength

- ▶ Self-confidence.
- ▶ Positive approach.

- ▶ Willing to accept new challenges and responsibilities.

Hobbies

- ▶ Playing games, Watching football, Listening songs.

Declaration

- ▶ I hereby declare that the above mentioned information is true to the best of my knowledge.