

## **SONI VIVEK ATULKUMAR**

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### **My Carrier Objective:**

-I would like to work for an organization where I can get opportunity to explore various civil-geotechnical problems and solve problems with my experience and would like to work for achieving company's mission.

### **Work Experience:**

-4.5 Years in field of Civil-Geotechnical Engineering at KCT Consultancy Services.

### **Experience in Projects like:**

- Working for carrying out and analysing geotechnical investigation for National High Speed Rail Corporation Limited.
- Worked for providing suitable ground improvement Techniques for various projects of L & T, JSW Steel.
- Conducted and analysed Various Field Test like Plate Load test, Static Cone Penetration Test, Standard Penetration test, Dynamic Cone Penetration test.
- Worked for analysing suitable foundation scheme for Hybrid renewable Power Project for NTPC and GERMI at Khavda, Bhuj.
- Worked for analysing suitable foundation for various projects of Adani Limited, Reliance Industries, Larsen and Toubro, GACL, etc.
- Analysed and carried out various Dynamic Seismic Tests like Cross Hole Test, Down Hole Test, Seismic Refraction Tests.
- Carried out various Slope Stability Analysis and Liquefaction analysis.
- Analysis and Design of foundation scheme for various Gujarat Government Solar Power Projects.
- Conducted and analysed Field Tests like ev2 Test, Field Permeability Test.

### **Personal Traits:**

- Highly confident of the things I know.
- Good leadership qualities.
- Ability to work as individual, as well as in Group.
- Honesty, Regularity and punctuality.
- Can work in team.

### Educational Qualification:

Year	Degree / Course	Name of Institute/ school	Marks Obtained CGPA/PERCENTAGE
2018	M-Tech Geotechnical Engineering	Dharmsinh Desai Institute Of Technology, Nadiad.	8.06
2016	B.E. CIVIL	A.D. Patel Institute Of Technology, New V.V. Nagar.	8.70
2012	H.S.C.	R.P.T.P. Higher Secondary School, V.V.Nagar.	67.33%
2010	S.S.C.	H.M. Patel English Medium School, Dharmaj.	84%

### Technical Skills

- Finite Element Analysis using "PLAXIS 2D, PLAXIS 3D".
- GEO 5, LPILE
- Drafting Software: Auto CADD 2D.
- COLUMN C, SLIDE, LIQUIT

### Technical Area of Interest

- Soil Engineering & Foundation Design.
- Dynamic Parameters of Soil.
- Soil Testing.
- Design of Ground Anchors.
- Durability of Concrete.
- Repairs and Rehabilitation of Structures.

### Projects undertaken:

#### Dissertation Undertaken during Masters:

"Experimental Study On Uplift Capacity Of Axisymmetric Plate Anchors In Well Graded Sand At Different Relative Density And Embedment Depth."  
-Research Paper Submitted in "Alexendria" publication.

#### Project Undertaken during Bachelor's:

##### Project 1- "An Experimental Study to Produce High Early Strength Concrete."

-Published paper on An Experimental study to produce High Early Strength Concrete.

##### Project 2- "Durability study of high early strength M40 grade concrete."

-Published paper on Durability Study of High Early Strength M40 Grade Concrete.

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**Hobbies:**

- Like to visit various historic places.
- Like to collect old currencies of our country.

**Personal Details:**

- Date of Birth: 14<sup>th</sup> Jan 1995
- Address: 3, "SHREEJI VILLAE", Shyam Residency, Karamsad-Gana Road, Karamsad.  
Pin: 388325, District: Anand.
- Father Name: Atul Kumar .C. Soni
- Occupation: Gold Smith
- Mother Name: Jignasaben .A. Soni

**References:**

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| 1) Prof. K.N. Sheth<br>Head of Department,<br>Civil Engineering<br>Dharmsinh Desai University. | 2) Dr. Kandarp Thaker<br>PHD, Civil Engineering,<br>Owner-Soil-Material Testing Laboratory<br>KCT Consultancy Services. |
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**Declaration:**

-All the above mentioned things are true and I bear responsibility of correctness of all details mentioned below.

YOURS SINCERE,

VIVEK .A. SONI