

# Gadave Ruchita Shantinath

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## **Career Objective:**

To be a part of an organization to display my technical abilities and knowledge to contribute towards the growth of the organization and to achieve high career growth through a continuous process of learning for achieving goal and keeping myself dynamic in the changing scenario to become a successful professional and leading to best opportunity.

## **Professional Experience Details:**

**Company Name: Creations Engineers Pvt. Ltd., Pune.**

**Designation: Structural Design Intern**

Duration: 8 months (1<sup>st</sup> August 2018 to 25<sup>th</sup> March 2019)

**Designation: Junior Structural Engineer**

Duration: 1<sup>st</sup> June 2019 – Till date

**Experience: Design of RC structures.**

## **List of major projects:**

P+7 Residential Building Project, P+P+12 Residential Building, P+5 School Building	<ul style="list-style-type: none"><li>• Modelling and analysis (Dynamic Analysis) of the buildings in STAAD Pro and design of column, footing, beams, slabs and shear walls by using RCDC software and as well as by manual calculations.</li><li>• Preparation of Schedule for Column, Footing, Beams, Slabs and Shear wall.</li><li>• Preparation of DBR.</li></ul>
G+12 Night Shelter and Parking Building for a Hospital (Wing B)	
G+3 Public Buildings, G+1 Public Buildings, Retaining Walls	

- Coordination and Interaction with clients.

## **Software Proficiency:**

- Staad Pro V8i SS6, ETABS 2016, STAAD RCDC, AutoCAD 2019, MS-Office

## **Academic Details:**

<b>Qualifications</b>	<b>School/College</b>	<b>Board/University</b>	<b>Year of passing</b>	<b>Percentage/CGPA</b>
M.Tech (Structures)	Vellore Institute of Technology, Vellore	V.I.T. University	2019	8.74
B.E. (Civil)	A.I.S.S.M.S. COE, Pune	Pune University	2016	65.56 (Avg.)
12 <sup>th</sup>	Bharat English School & Junior College, Pune	Maharashtra Board (SSC)	2012	80.67
10 <sup>th</sup>	S.G.T. English Medium School, Pune	Maharashtra Board (HSC)	2010	86.55

## **Academic Projects Undertaken:**

### **M.Tech Project:**

*Comparative Study of Seismic Performance of SMRF, Dual System and Shear Wall Dominating System.*

Company Name: Creations Engineers Pvt. Ltd., Pune.

Synopsis - The project focuses on comparison of seismic response of different RC lateral load resisting systems. P+10 RC building is selected and linear dynamic analysis is performed. The structural performance of each system is compared in terms of base shear, storey displacement, storey drift, time period and based on these results, it can be concluded that shear wall dominant system has boosted the structural performance compared to other systems.

### **B.E. Project:**

*Design of Pervious Concrete*

Company Name - Strong Tech Engineering Services (I) Pvt. Ltd., Pune.

Synopsis - Pervious Concrete is a mixture of cement, coarse aggregate, water and admixtures. The objective of this project was to develop pervious concrete having high permeability and optimum strength. It is an effective way to address environmental issues and support green and sustainable growth.

## **Academic Achievements:**

Paper Publication: Ruchita Gadave and Santhi A.S. (2019) "Comparative Study of Seismic Performance of SMRF, Dual system and Shear wall dominating system." *Journal of Emerging Technologies and Innovative Research*, Volume 6, Issue 3, 331-341.

## **Co-Curricular activities:**

- Participation in
  - 'Model Making' in "ENGINEERING TODAY 2014" Event at A.I.S.S.M.S. C.O.E., Pune
  - 'SCIENCE EXHIBITION 2014' at A.I.S.S.M.S. C.O.E., Pune.
- Student Member of Indian Concrete Institute (I.C.I.) (March 2014 – February 2015)
- Participation in 'Cold-Formed Steel Structural Design as per IS 801' workshop at V.I.T., Vellore.
- Paper Presentation at 'National Conference on Special Concrete'-2018 on 'Study of Pervious Concrete.'

## **Strengths:**

Hardworking, Quick learner, Ability to work independently and collaboratively, Positive attitude, committed towards my goal, Problem solving and organizational skills.

## **Personal Details:**

- Date of Birth: 23/10/1994
- Father's Name: Shantinath T. Gadave
- Languages known: English, Hindi, Marathi
- Address: Row House No. I/4 'Ganesh Residency', Ganesh Nagar, Dapodi, Pune-411012

**Date:** 2/03/2020