

# Sneha D'souza

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## Profile

To aid in the infrastructural growth of the country and contribute towards the development of sustainable and environmentally friendly structures to suit the needs of a comfortable and efficient lifestyle.

## Experience

Intern, J. M. Gaonkar and Associates, Panaji – 2019

16 weeks internship with J. M. Gaonkar and Associates, St-Inez, Panaji; as part of ME industrial training program. During the 16 weeks internship program, I assisted in the structural design of a villa, a steel roof shed and prepared excel sheets to calculate the deflection of aluminium roofing sheets. I've also put together a report of the rehabilitation and repair works suggested with regards to the results obtained from the various tests conducted on an old structure located in Panaji along with the estimated cost of the repair work.

Site Engineer, Scholar Builders Private LTD., Goa – 2017-2019

One and half year as Site Engineer at Chamunda River Park, Marcela; for Scholar Builders Private LTD. Through my experience as a site engineer, I undertook the construction of three G+3 storey buildings and supervised the work carried under; excavation, footing and column alignment, masonry and brick work, plastering and concrete casting, plumbing, waterproofing, costing and estimation and tiling work carried out during the course of my work period.

Intern, Civil Contractor PWD, Goa – 2016

Two-week internship with P. Gangadharan, Civil contractor (P.W.D., Goa) as part of BE Industrial Training Program. As part of the 2-week internship I was able to understand the procedure of laying a water pipeline and the site work required for the same.

## Education

M.E Structural, Goa College of Engineering, Goa 2018-2020

**First Class with Distinction; Cumulative GPA: 8.49** (results attached on page 2)

B.E. Civil, Don Bosco College Of Engineering, Goa 2012-2016

**First Class with Distinction; VIII Semester:78.11%**

(affiliated to Goa University, results attached on page 2)

HSSC, Dempo, Goa Board, 2012

**68.5%**

SSC, Mary Immaculate, Goa - 2010

**75%**

**Project/Papers Published** Investigation to Estimate the Utilization of Solid Waste as Filler Material (BE Project)  
 This project aimed at studying the possibility of using solid waste as a filler material in roads. A study was conducted to assess the various properties of solid waste and its feasibility as filler material was investigated.

**Seismic Invisibility Cloak (ME Project)**

The concept of seismic meta-materials and its ability to diffract and dissipate the seismic wave energy contained in an earthquake was studied using a computer-generated soil model in MIDAS GTS NX.

**Workshops Attended** Concrete mix design (UltraTech), Seminar on remote sensing & GIS, Additives in concrete (ICI, Goa Centre), Design and construction of rigid pavement and industrial floors (organised by Association of Consulting Civil Engineers, Goa centre), and a Webinar on “A to Z of Prestressing” (Organized by ICI in association with UltraTech Cement Limited).

**Computer Knowledge** MS EXCEL, STAAD PRO, MIDAS GTS NX, ANSYS, ETABS, and AUTOCAD

**References** Professor Purnanad Savoikar (GEC Professor)  
 9922732822

<b>M.E. STRUCTURAL ENGINEERING; SEMESTER SCORES</b>		
Semester	No of Credits	SGPA
Sem IV	20	9.20
Sem III	18	9.00
Sem II	32	7.94
Sem I	32	8.31
<b>TOTAL</b>	<b>102</b>	<b>CGPA : 8.49</b>

<b>B.E. CIVIL SEMESTER SCORES</b>				
Semester	Month/Year	Max Marks	Marks Obtained	Percentage
Sem VII	June 2016	850	664	78.11
Sem VI	Nov 2015	850	589	71.10
Sem V	May 2015	850	549	64.58
Sem IV	Nov 2014	850	507	59.64
Sem III	June 2014	850	532	62.58
Sem II	Dec 2013	850	575	67.64
Sem I	June 2013	850	446	52.47