

DHAWAL DESAI

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Room No.125, Hostel 6, Indian Institute of Technology Bombay
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Personal Details

Sex : **Male** *Date of Birth* : **8th Dec 1991**
Nationality : **Indian** *Institute Roll No.* : **100040068**

Objectives

- Gain in depth knowledge of Civil & Structural Engineering
- Improve creativity & innovative skills

Academic Details

Institute : **Indian Institute of Technology Bombay** **2010-2014**
Department Major : **Civil Engineering**
Program : **B.Tech (Hons) in Civil Engineering**
Minor : **Energy Science & Engineering**
Academic Status : **2nd Year Undergraduate**
CPI Major : **8.78 / 10** *Grade Minor Elective* : **10 / 10**
CBSE HSSC : **87%** *Grade Honors Elective* : **10 / 10**

Skills

- Self-motivated, innovative problem solver, efficiency and time management
- Software: Basics of C/C++, Excel and PowerPoint.

Academic Project

Application of Geofoam in Retaining Structures (III Semester 2011)

Test the performance characteristics of Geofoam as a load absorbing material under varying load conditions. Guide: Prof. B.V.S.Viswanadham.

Working of Online Movie Rental Service (I Semester 2010)

Team of 13 members made this CS project in C/C++ under the guidance of Prof. D.B.Phatak. Successfully made program for the registration of new administrative person in the service provider company.

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Training and Internship

- (Dec 2011) **Ambuja Cements Ltd., India** (a HOLCIM joint venture)
'Worked on development of Lightweight and Pervious Concrete'
- **Successfully** made two types of lightweight concrete first using **Pumice stone** and another lighter than water using **Aluminum powder**.
 - **Successfully** made Pervious concrete.
 - **Experienced** and **overcome** the **problems** in makings samples.
- (June 2011) **Sony India Pvt. Ltd., India**
'Sales & Marketing of Consumer Electronic Goods'
- Provided efficient and courteous customer service to diverse clientele in busy retail environments.
- (May 2011) **Apollo db City, India**
'Practical training at residential township spread across 30 acres of land'
- Gained **site experience** & practical knowledge of Civil Engineering.
 - **Observed problems** & relevant **solutions** at project site.
 - Learnt **safety measures** & lab testing procedures.
 - **Understood** importance of **team work**.

Workshops Attended

- (Dec 2011) **Concrete Mix Design** at *Foundations, Ambuja Knowledge Centre, Ambuja Cements Ltd., Mumbai*
- Learnt about cement, the importance of w/cm ratio and weak areas in concrete where it can be attacked.
 - Understood **Test Certificate** for Cement. Did practice on Work Sheet for Concrete Mix Design and seen basic tests on concrete.
- (Dec 2011) **Advanced Concrete Mix Design** at *Foundations, Ambuja Knowledge Centre*
- Learnt the basics of High Performance Concrete, Self Compacting Concrete and Fibre Reinforced Concrete.
 - Practiced on **work sheet** for mix design of **HPC** and **SCC**.

Volunteer Work

- (Dec 2011) **Volunteer, Placement Cell** at *Indian Institute of Technology, Bombay*
- Volunteered timely and scheduled reporting of candidates during their interview slot.
- Coordinator, Hospitality Group, Techfest 2012 and Mood Indigo 2011**

Extra Curricular Activities

- Student member of **ASCE** and **ICE**.
- Participated in F1 Car race named 'Trackmania' for 1st year students of IITB. Our team of 4 students made a Remote Control toy Car.
- **Won** intra hostel **Cricket tournament** for freshers.
- Regular visitor to Gym and interested in Tracking and Travelling..
- Like to play Cricket, see Movies & listen Music.