



**Bonish Gandhi**  
**Mechanical Engineering**  
**Indian Institute of Technology, Bombay**

**09010001**  
**UG Second Year**  
**Male**  
**DOB: 05/08/1991**

Examination	University	Institute	Year	CPI(out of 10) / %
Graduation	IIT Bombay	IIT Bombay	2011	8.59

## ACHIEVEMENTS

- **Ranked 400th among 384,000 students** who appeared for the **Joint Entrance Examination '09** conducted by the Indian Institutes of Technology.
- **Ranked 24th in Gujarat and 1027th nationally among 1,000,000** in the **All India Engineering Entrance Examination (AIEEE) '09** conducted by the Central Board of Secondary Education.
- Secured **1st position** in **Extempore Competition (Just a JAM)** held at Harvard School, Gandhinagar in class 8th.
- Was **ranked 2nd in city** (Ahmedabad) in **NIMO (National Interactive Mathematics Olympiad)** in Class10th and also awarded a scholarship **cash prize**.
- Secured **1st position in NEXUS NAVIGATE**, in the Western India held as a part of Techfest 2011. The competition involved making a grid solving autonomous robot that brings a specified block to its starting position.

## PROJECTS UNDERTAKEN

- **Unique Identification(UID) Project**  
**Guide: Prof. Deepak B. Pathak, Department of Computer Science and Engineering, IIT Bombay**
  - Developed and documented a program to **uniquely identify** the fingerprint of a registered

- student and store the files of a new date in a separate directory using the **C++ language**.
- **Strength of Materials Project**  
**Guide: Prof. G.V.Prabhugaonkar, Department of Metallurgical Engineering and Material Sciences, IIT Bombay**
  - Prepared a case study on what **materials are used for building High speed Sealift Vessels(HSS)**.
- **Complete Market Research on 'Microsoft'**  
**Guide: Prof. Dinesh Sharma, Department of Marketing Management, Shailesh J Mehta School of Management, IIT Bombay.**

## SOFTWARE SKILLS

- **Languages** : C,C++, HTML, Java
- **Operating System** : Windows, Linux(Ubuntu)
- **Others** : Solid Works(elementary), MS – Office, Scilab, Matlab

## POSITIONS OF RESPONSIBILITY

- Worked as an **Organiser** in **Mood Indigo 2009** (Asia's largest College Cultural Festival) in the **Informals** department.
- Worked as an **Organiser** in **Techfest 2010(technical festival of IIT Bombay)** in the **Marketing** department.
- Worked as a **Coordinator** in the Marketing Department in **Techfest**, IIT Bombay.  
 Involves contacting companies that are potential sponsors for the event and bringing them in.

## RELEVANT COURSES

- Modern Physics
- Chemistry
- Computer Programming and Utilisation
- Introduction to Electrical and Electronic Circuits

## Department Courses

- Engineering Mechanics
- Solid Mechanics
- Strength Of Materials
- Fluid Mechanics
- Thermodynamics

- Manufacturing Processes
- Engineering Metallurgy

### **Mathematics and Statistics**

- Calculus
- Linear Algebra
- Ordinary Differential Equations
- Data Analysis and Interpretation
- Numerical Analysis

### **Management Based Subjects**

- Economics
- Marketing Management(Minor course)
- Human Resource(HR) Management(Minor course)