



Raj Jigneshbhai Doshi
Mechanical Engineering
Indian Institute of Technology Bombay
Specialization: None

110100004
UG Third Year (B.Tech.)
Male
DOB: 13-09-1993

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2014	8.61
Intermediate/+2	GSHSEB	M.K. Higher Secondary School	2011	85.60
Matriculation	GSEB	M.K. Secondary School	2009	88.78

SCHOLASTIC ACHIEVEMENTS

- Secured All India Rank of **278** in IIT_JEE in 2011. **2011**
- Secured All India Rank of **144** and State Rank **3** in AIEEE in 2011. **2011**
- Stood **5th** in Regional Maths Olympiad 2010 and was selected for Indian Mathematical Olympiad 2011. **2010**

POSITIONS OF RESPONSIBILITY

Organiser, Techfest-2012 **JAN 2012**

- Was part of the Lecture Series team and was involved in publicizing the lectures and helping the managers in making the lecturers' visit more comfortable.

Tutorship **2009-12**

- Joined "**Aakar Classes**" in Ahmedabad as a tutor of maths & science in every winter & summer vacations from 2009-2012 and helped students of Std. 8, 9 & 10th in their studies and set up exam papers and also evaluated them and maintained all statistical data about them (200+ students).

SUMMER INTERNSHIP **2013**

Completed a 10-weeks long summer internship at "**Enablon Learning Pvt. Ltd.**" - a leader in online test preparation of CAT, XAT, IIFT, CMAT, etc. in Mumbai.

Worked on the following two product development projects:

- Content Development:** Authored high level-of-difficulty questions to be used as "Question of the Day" on Testfunda.com website.
- Video Lecture Development:** Created animated PowerPoint lectures for four concept areas in Modern Mathematics and Algebra.

PROJECTS

- **Statistical Inference:** Bootstrap Estimation
Point and Interval Estimation of the two parameters of Gamma distribution using Bootstrap.
- **Manufacturing Processes:** Laser Ablation of Metals
Performed experiments and studied various parameters like material removal rate, taper angle and melting efficiency in laser drilling of aluminium sheet.

RELEVANT COURSES

CORE	NON-CORE
<ul style="list-style-type: none">• Solid mechanics• Thermodynamics• Fluid Mechanics• Heat Transfer• Manufacturing Processes• Industrial Engineering & Operations Research	<ul style="list-style-type: none">• Computer Programming & Utilization• Data Analysis & Interpretation• Numerical Analysis• Economics• Reegression Analysis*

EXTRA-CURRICULAR ACTIVITIES

- Completed a course in football training under National Sports Organization in 2011-12.
- Got Guinness Certificate as a part of IIT BOMBAY's world record of "Most number of people solving Rubik's cube at a time."
- Part of a 6-member team that secured 3rd in Inter-Hostel Carrom Championship.
- Took part in a competition called 'Apexo' in Techfest-2014.
- Very enthusiastic about carrom, pool, cricket & cards.

COMPUTER SKILLS

- Programming languages known:
C++, R language
- Software skills:
MS OFFICE, SCILAB, MATLAB