Kheraj Ram   110040046
Civil Engineering   **UG Second Year**
Indian Institute of Technology, Bombay   **Male**
Specialization: none   **DOB: 04/06/1993**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2013	7.20
Intermediate/+2	RBSE	B.R.Senior Sec. SIKAR	2010	79.85
Matriculation	RBSE	Govt. Sec. School, Khatriyon ki beri, Barmer	2008	87.00

Internship and Projects

- **Properties of High Strength Concrete**   **[Jan'13-March'13]**
  - Guide: Prof. Prakash Nanthagopalan, Civil Engineering Department IIT Bombay
  - Using Mini-Slump test of different mixture of concrete studied strength of concrete.

- **Automatic Hand Wash**   **[Aug'12-Nov'12]**
  - Guide: Prof. Siddhartha Duttagupta, EE Department IIT Bombay
  - Designing a device to facilitate automatic flow of water on placing hands in front of tap
  - Incorporating proximity sensors, times and motors controllers to implement the algorithm

- **Sudoku Game**   **[July'11-Nov.'11]**
  - Guide: Prof. D.B. Phatak, CSE Department IIT Bombay
  - Created a game in which a person has to fill vertical and horizontal columns using numbers without repetition using advanced algorithms and graphics in C++.

- **Summer Internship** at Plancess   **[May'12-June'12]**
  - Guide: Vivek Gupta, founder member of Plancess
  - Managed a team of 15 member, whose work is to prepare study material for the company.

Academic Achievements

- Secured All India Rank 5984 among more than 485,000 students appeared in the IIT - Joint Entrance Examination held in 2011 which placed me amongst top 1.2% of the students in country
- Secured 1st rank in **Science Fair**-2008 at district level and selected for state level
- Secured AIR-5585 in AIEEE amongst nearly 12 lakhs students placing me in top 0.45 % of the top student in the country.

Position of Responsibility

- Worked as the **Mess Secretary** of the hostel-3, IIT Bombay and got Best Secretary award.
- Worked as **Coordinator,** in Marketing Department for Mood Indigo 2012-13.
- Successfully holded the post of **Coordinator** in events department of **Techfest 2013** which Includes conceptualization and proper execution of **Exhibition.**

Computer skills

- Programming Language: HTML, CSS, PHP, C & C++.
- Developed Hostel Sports website using HTML, CSS, and PHP.
- Software: Adobe Photoshop, MS Word.

Extra-Curricular Activities

- Awarded **Hostel Colour** in the field of Best Secretary   2012-13
- Was the member **of National Sports Organization(NSO)** at IITB   2011-12
- Was a member of winning team in Inter Hostel **Hockey General Championship**   (2012)
- Ranked 2nd in District Level **Volleyball Tournament** while representing my school.   (2008)
- Secured 5th position in **LOGIQ online quiz** conducted by AAKAAR   (2012)

Technical Labs

- **Mechanical workshop**: Learnt about and performed various mechanical techniques like welding, fitting, shaping, lathing etc.
- **Engineering drawing:** Studied various aspects and views of engineering drawing.
- **Solid mechanics:** Studied various types of stresses and strain acting on different bodies.
- **Fluid mechanics:** Learnt about different types of fluid mechanisms, flow measuring   techniques.
- **Geodesy, Hydraulic Design Lab & Experimental and Measurement Laboratory.**
- **Chemistry and Physics Labs.**

Courses undertaken

Engineering Mechanics	Introduction to Electrical and Electronics Circuits
Solid Mechanics	Computer Programming and Utilization
Fluid Mechanics	Data Analysis and Interpretation
Numerical Methods in Civil Engineering **(Honors)**	Electricity & Magnetism
Geodesy	
Hydraulic Engineering	
Structural Mechanics I	
Advanced Solid Mechanics**(Honors**)	
Experimental and Measurement Laboratory	