ARCHIT LADDHA
Civi Engineering
Indian Institute of Technology, Bombay

110040053
UG Second Year
Male
DOB: 24/07/1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	7.46
Intermediate/+2	CBSE Board	Bakshi's Springdales	2010	84.00
Matriculation	ICSE Board	Central Academy	2008	86.40

SCHOLASTIC ACHIEVEMENTS

- Secured All India Rank of **1317**in IIT Joint Entrance Examination 2011 (**top 0.3%** out of **4,50,000**)
- Secured All India Rank of **3053**in All India Engineering Entrance Examination 2011 (**top 0.3%** out of**10,00,000**)

KEY ACADEMIC PROJECTS

C++ Project
(Guide: Prof.D.B.Phatak)
- Created a game of **KAUN BANEGA CROREPATI .**
- Used dynamic arrays, file handling, timers, image processing and vectors.

RF Circuit powered vehicle *('11)*
- Designed a wireless, RF Circuit powered vehicle under the programme**Techone**
- The objective was to complete a track, with several mechanical obstacles, in minimum amount of time

Line Follower Bot ('11)
- Designed a line follower bot using IR-sensor and LED.
- The task was to follow a white track in minimum time.

Analog to DigitalConverter ('12-Present)
(Guide: Prof. S. Dutagupta)
- Designing an 8 bit analog to digital converter as curriculum project.
- Using 555 timer and flash ADC 0804 so the motive will be achieved efficiently.

TECHNICAL SKILLS

- **Programming Languages/Tools**: C/C++, Microsoft Visual Basic, HTML

- **Operating Systems**: Microsoft Windows, Ubuntu (Linux)

- **Application Softwares**: Microsoft Office, Adobe Photoshop, Sketch up Pro, SCILAB, MATLAB

RELEVANT COURSES

- **Core Courses**:
    - Solid Mechanics
    - Fluid Mechanics
    - Engineering Mechanics
    - Numerical Methods In Civil Engineering

- **Lab Courses:**
  - Fluid Mechanics Lab
  - Heavy Structure Lab
  - Physics
  - Chemistry
  - Workshop Practice
  - Engineering Drawing
  - Computer Programming Lab
- **Other Courses:**
  - Computer Programming and Utilization
  - Introduction to Electrical and Electronics Circuit
  - Electricity & Magnetism
  - Data Analysis and Interpretation
  - Chemistry
  - Economics
  - Calculus
  - Linear Algebra
  - Ordinary and Partial Differential Equations

POSITIONS OF RESPONSIBILTY

- **Maintenance Secretary**, Hostel-7, IIT Bombay   *('12-Present)*
- **Organizer** at Mood Indigo.   *('11)*
- **Organizer** at TechFest.   ('12)

EXTRA ACTIVITIES

- Organize **Balkalakar** with the help of social activist and collect **INR 24,000** which was donated to schools in the form of Winter Apparels.
- Help **Excel Mentors**, an startup by iitians, in collecting data for Branch Estimators and for Comparing IITs.
- Was part of the **National Sports Organization** in yoga.   *(Aug '11-Mar '12)*
- Was part of the **Freshmen Athletic Team** that finished **1st** in the **Athletic GC**, IIT Bombay   *('12)*
- Part of the IIT Bombay dramatics contingent that was selected among the **top 2** entries at **Malhar**, the cultural festival of St.Xavier's College, Mumbai   *('12)*
- Was a part of IITB group which made a **Guinness and Limca** record of most people solving Rubik's Cube simultaneously in less than 12 mins.