Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	7.98
Intermediate/+2	C.B.S.C	Sudhir Memorial Institute	2010	88.40
Matriculation	I.C.S.E.	M.C.Kejriwal Vidyapeeth	2008	94.20

ACADEMIC ACHIEVEMENTS

- Was among the top 1% of the students who gave the prestigious examinations of IIT-JEE and AIEEE.
- Scored highest marks in Computer Science (99/100) in 10th level of examinations among 100+ students in the school.

INTERNSHIPS AND PROJECTS

HINDUSTAN UNILEVER RESEARCH CENTRE, BANGALORE   (May 2012 – July 2012)

"Protein Binding Studies of phenol derivatives using Fluorescence Spectroscopy"

- Synthesized various phenolic compounds using Schiff's Base Condensation.
- Used techniques like TLC, Column Chromatography, NMR and IR for the characterization and purification of the compounds.
- Used fluorescence to derive a mechanistic understanding for protein binding affinity of the synthesized compounds

"An Industrial Visit to Rashtriya Chemicals and Fertilizers"   (March 2012)

- Studied all the stages and processes involved in the manufacture of sulphuric acid.
- Presented a report based on the underlying principles and the flow calculations.

"A study of Fiscal Policy of India: Need for Consolidation"   (Mar 2012-Apr 2012)

- Analysed trends of various fiscal policy variables.
- Conducted comprehensive study of past finance budgets.
- Identified problems with the fiscal policy, primarily focusing on the fiscal deficit.
- Used various techniques like regression, co-variances, graph-studies and Economic concepts like elasticity, buoyancy to establish the need for consolidating India's Fiscal Sector Policy.
- Proposed a short term and a long term solution to the problems.

"Graphical Representation of solving the Tower of Hanoi"   (Mar 2011 – Apr 2011)

- Used C++ to produce the method of solving the Tower of Hanoi problem
- Represented the results graphically using the FLTK library

COMPUTING SKILLS

- Programming Languages : **C++, Java, FLTK, HTML, CSS**
- Basic knowledge of Adobe Photoshop and Sony Vegas

POSITION OF RESPONSIBILITY

- **Class Representative, Chemistry Department**   **(Apr 2012 – Present)**
  - ➢ Successfully organize various department annual events and activities.
  - ➢ Assist the department council in framing of department policies.
  - ➢ Ensure proper communication of information between the department and the batch.
- **MOOD INDIGO 2011 Services Coordinator (Annual cultural festival of IIT Bombay)**
  - ➢ Was the coordinator of 'MI Channel' which looked after the cameras and the publicity of events at Mood Indigo.
- **TECHFEST 2012 Ideate Coordinator (Annual technical festival of IIT Bombay)**
  - ➢ Was a part of the coordinating team which looked after the event 'Inspire India' of the biggest technical fest of Asia.

ADDITIONAL COURSES

- Data Interpretation and Analysis
- Mechanical Workshop
- Modern Physics
- Calculus, Differential Equations and Linear Algebra
- Molecular Cell Biology
- Introduction to Electrical and Electronic Circuits
- Measurements and Experimental Laboratory
- Electronics Laboratory
- Electricity and Magnetism and Optics
- Quantitative Methods for Economic Analysis

EXTRA-CIRRICULAR ACTIVITIES

- Successfully completed a distance of 12.2 km in 12 hours in **Swimmathon 2012.**
- Represented the hostel in Swimming G.C. and in Squash at Sports Freshizza.
- Won the Hostel Senior T.T. Intra and was under top 15 in Freshmen T.T. Open.
- Was a part of the team that set the Guinness world record for the most number of people solving the Rubik's Cube in an hour.
- Took part in technical competitions of IIT Bombay such as "F1 Car Racing".
- Participated in various quizzing events in the district level.
- Passionate about learning more computer languages and coding.