SCHOLASTIC ACHIEVEMENTS

- All India Rank **08** in IITJEE 2009 out of 400000+ students

- All India Rank **48** in AIEEE 2009 out of 800000+ students

- State Rank **194** in EAMCET 2009(State Level Engineering Examination), Andhra Pradesh

- Received **GOLD MEDAL** in Orientation Cum Selection Camp, *Chemistry Olympiad* 2009

- Amongst the **top 1%** in *National Physics Olympiad* 2009

- Selected for *Satish Dhawan camp* held at ISRO for securing **district 1st** in 10th class CBSE

- All India Rank **105** in VIT (Vellore Institute of Technology) Entrance Exam

AWARDS & SCHOLARSHIPS

- **CBSE scholarship** for securing All India Rank 48 in AIEEE 2009

- **Best Parliamentarian** award in *Youth Parliament* held at school

- **Pratibha Award** for *Excellence in Academics* in 10th class

- **Award of Excellence** in *Mathematics & English* for being amongst the **top 1%** in India (CBSE 10th class)

KEY PROJECTS & INTERNSHIPS UNDERTAKEN

- **Internship at EDUPLAN Ltd**, 2011
  Topic: Content Development for intermediate students to help them in their preparation towards competitive exams

  - Prepared reference material for the students in *Mathematics, Physics & Chemistry*

- **Unique Identity Project** *(C++ programming)*, 2009 *Guide: Prof. Deepak B Phatak*

  - Member of 80 member team working on the *Institute project: Finger print detection machine & its applications* programming code and its applications
  - I was involved in the task of *practical application* of the project and successfully used it to find out the *Attendance* of a class

- **Change Vending Machine** *(Digital Systems)*, 2011 *Guide: Prof. Udayan Ganguly*

  - Member of 3 member team working on designing a machine that would display the *optimum way* of dispensing the *balance amount* in all kinds of cash transactions
  - I worked on the whole *hardware part:* finding proper assembly of the chips (shift registers, adders etc) that would satisfy the *required logic* and *optimizing* it

TECHNICAL SKILLS ....

Programming Skills	C, C++, HTML, Verilog, LaTeX (TeX)
Softwares	Matlab, Scilab, Eagle, Adobe Photoshop, LtSpice
Operating Systems	Microsoft Windows, Ubuntu, Kubuntu etc.

POSITIONS OF RESPONSIBILITY ....

- **Coordinator** of *Workshops* in TECHFEST 2011. (Asia's largest science and technical festival)

- **Organizer** of *Parameters & Dimensions* in TECHFEST 2010

- Served as **School Leader** at school for the year 2006-07

EXTRA CURRICULAR ACTIVITIES ....

- Secured **A & B Certificates** in *National Cadet Corps* in Army division

- Participated very actively in **Youth Parliament** held at school

- Won many *awards* in events like **Elocution, Quizzing, Essay writing**

- Represented the school at *Regional Level* in the **Table Tennis championship**

- Member of **Krittika**, the *Astronomy club* at IIT Bombay

AREAS OF INTEREST ....

- **Electronics & communications, Microelectronics**
  - Attended many workshops *(Eagle software etc)* associated with these fields to gain practical experience apart from the learning experience through the curiculum

- **Software Development, Artificial Intelligence**
  - Took up *Minor* in *Computer Science* to expand my knowledge and would like to do some projects in these areas

- **Astronomy**
  - Took up the course *Introduction to Indian Astronomy* as an Institute elective
  - Actively took part in *Observatory sessions & Field trips* conducted by the Astronomy club in the institute

- **3D Drawings & Animation**
  - Developed basic knowledge of using 3D animation softwares like *Anim8or, Blender*

COURSES UNDERTAKEN ....

* courses to be completed by Summer 2012.

Electrical Engg.	Intro' to Basic Electrical Engg., Intro' to Electronics, Electromagnetic Waves, Electronic Devices, Signals & Systems, Communication Systems, Analog Circuits, Network Theory, Power electronics, Digital Systems, Control Systems* Digital Signal Processing*, Digital Communications*, Power Systems*
Computer Science	C++, Discrete structures, Data Structures, Operating Systems
Basic Sciences	Calculus, Linear Algebra, Differential Eq'ns, Complex Analysis, Electricity & Magnetism 2
Other Courses	Instruments & Measurement lab, Mechanical Workshop, Psychology, Economics, Data Analysis & Interpretation, Intro' to Indian Astronomy, Engineering Drawing, Probability & Random Processes