

SCHOLASTIC ACHIEVEMENTS

- All India Category **Rank 118** in **IIT-JEE(2009)** out of 4 lakh students appeared
- Selected among **top 1.2%** of about 1 million students in **AIEEE-2009**
- Selected in **Dakshana Foundation** at national level in 2007
- Secured a position in the top 80 out of 10000 appeared in **JNVST**

PROJECTS UNDER TAKEN

- **Unique user identification system** [July'09-Nov '09]
 - Project was aimed at providing finger print identification
 - Developed an algorithm to take the fingerprint of the user using C++ programming language
- **Portable CRO device** [July'10-Dec '10]
 - Produced design of a low cost portable interface system to generate, analyse and display signals in a team of six
 - Remodeled CRO by developing an inbuilt signal generator
 - Built peripheral port to connect external devices with it
 - Project was remodeling, the burden of heavy and large sized CRO
- **Chuck glider** [Jan'10-April'10]
 - Designed and built a Chuck Glider using balsa wood
 - Analysed wing shape and various aspects of aerodynamics
- **Remote controlled plane** [Jan'10-April'10]
 - Made a remote controlled plane and studied the various control units of a plane such as Aileron and rudders

SUMMER INTERNSHIP

- **Resonance** [May'11-June'11]
 - Surveyed about 80 students(regarding academic performance) and 30 parents(about their queries regarding institute and teaching proficiency)
 - Presented a seminar on how to increase their efficiency in studies

POSITION OF RESPONSIBILITY

- **Coordinator, TECHFEST** [July'10-March'11]
 - Coordinated with a team of 20 coordinators and a Manager
 - Handled a team of 10 organizers to conceptualize one of the most popular events of Techfest, **Full Throttle**(IC Engine Car Racing Competition)
 - Managed the whole event, having 120 competitors and more than 1000 spectators
 - Worked as an organizer of **Blackbird**, a remote controlled aircraft competition in **Techfest(2009-10)**
- **Coordinator, MOOD INDIGO** [July'10-Dec'10]
 - Conceptualized the most spectacular event, **Obstacle training**, with the help of 10 organizers team
 - Conducted training considering safety and security of participants

CO CURRICULAR ACTIVITIES

- **SPORTS**

- Awarded Special mention in sports 2010-2011
- Secured 3rd Position in Phitathlon conducted by Hostel 3
- **Member of the runner team** of intra hostel Premier League
- **Represented** the hostel sophie team in inter hostel **sophie general championship** in **volley ball, basketball and kho-kho**

- **Cultural**

- Part of production team of hostel 5 in **Performing Arts Festival(2010)**- awarded 2nd prize
- Awarded **Special mention** in Performing Arts Festival (2010 and 2011)
- **Represented** hostel-5 in **Gyration**(Institute Dance Competition)
- **Participated** in several hostel and institute level cultural events like Movie spoof , **Situational acting** and Dance competitions

- **Leadership**

- Obtained A and B certificates in **National Cadet Corps(NCC)**
- Awarded a post of **Corporal** : To become a Corporal a cadet must have worked for **6 months as a Lance Corporal** and must **pass the Weapon Training test**. The rank of corporal nominally corresponds to **commanding a section or squad** of Cadets

- **Awards and Achievement**

- A and B certificates in NCC and awarded post of **Coporal**
- Special mention in **PAF(2010 and 2011)**
- Special mention in sports(2010-11)
- Achieved 3rd position in **Phitathlon**

SOFTWARE SKILLS

- Operating Systems: Windows, Linux
- Softwares: **Matlab**, Scilab, Microsoft Office
- Programming languages : C++ ,HTML

RELEVANT COURSES UNDERTAKEN

- **Core Courses**

- Engineering Design, Fluid Mechanics, Thermodynamics, Introduction to Flight, Mechanics, Solid Mechanics, Aerospace Structural Mechanics, Control Theory

- **Other Important Courses**

- Integral Calculus, Differential Equations, Linear Algebra, Introduction to Numerical Analysis, Computer Programming and Utilization, Overview Of Macro and Micro Economics, Data Analysis And Interpretation

- **Lab Courses**

- Aerospace Measurement Laboratory, Modelling and Simulation Laboratory, Experimentation and Measurement Labs, Engineering Graphics and Machine Drawing, Aircraft Structures Laboratory, Control Systems Laboratory