

# ANUBHAV BIMBISARIYE

Department of Computer Science and Engineering  
Indian Institute of Technology, Kanpur

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## EDUCATIONAL QUALIFICATION

Name of Institute/Board	Year	Performance (CPI/aggregate)
Indian Institute of Technology, Kanpur	2015(expected)	5.9(Five semesters)
Central Board Of Secondary Education class12 <sup>th</sup>	2010	82.4%
Central Board Of Secondary Education class10 <sup>th</sup>	2008	85.16%

## PROGRAMMING SKILLS

- Languages and Programming: C, Latex, HTML, PHP5, PHP-MySQL, Bash Scripting, CSS, Latex, Verilog.
- Platforms: Linux (Fedora 17, Ubuntu), Windows 7.

## RELEVANT COURSES

Data Structures and Algorithms

Fundamentals of Computing

Computing Laboratory-I, II

Theory of Computation

Technical Communication\*

Compiler Design\*

Artificial Intelligence Programming\*

(\* Courses to be finished by May 2014)

Mathematics for Computer Science I, II, III

Computer Organization

Operating Systems

Probability and Statistics

Principles of Data Base Systems\*

Algorithms –II\*

Computer Vision and Image Processing\*

## PROJECTS

### 1. Artificial Intelligence Project: Ludo Game.

Project mentor: Dr. Arnabb Bhattacharya, Department of Computer Science and Engineering, IIT Kanpur

- Designed an artificially semi intelligent python based agent based on probabilistic methods with adjustable gameplay behavior for ludo (2 Players) using pygame library.

### 2. Basic website:

(Course CS251 Computing Laboratory I)

- Created a basic PHP-MySQL based Website as part of an individual course assignment with user registration and session management.

### 3. MIPS compiler simulation:

(Course CS220 Computer Organization)

- Made a MIPS assembly language to binary executable code converter in C as a basic simulator of compiler.

### 4. RC Canard Plane:

(Summer 2012, Under Aeromodelling Club, IIT Kanpur)

- Worked in a team of 4 to devise and construct the first working scratch built Canard Configuration plane from Styrofoam in the Aeromodelling club, improvising on our own design to make the second model more controllable, flight efficient, and stable.

## ACHIEVEMENTS

### 1. Techfest 2013:

(January 2013, Conducted by Indian Institute of Technology, Bombay)

- Powerless glider range competition: Secured 3<sup>rd</sup> position with certificate of Excellence.
- Participated in Hover-on, Powerless glider endurance test and Blitzkrieg RC Flying Challenge.

### 2. Techkriti 2013:

(January 2013, Conducted by Indian Institute of Technology, Kanpur)

- Hover Rush: Secured 2nd position out of more than 50 participants.

### 3. NCC Cadet 2011-12.

## POSITIONS OF RESPONSIBILITY

### 1. Secretary, Skating Club (May 2011- July12):

- Mentor and guide for new enthusiasts in skating and roller hockey.
- Conducted skating workshops and competitions.
- Participated in Josh 2013 Roller hockey games.

### 2. Secretary, Aeromodelling Club (May 2012 - July2013):

- Organized, managed new lectures addressing technicalities of club workshops.
- Managed and conducted workshops and intercollege competitions.
- Mentored and guided the Aeromodelling projects Flying wing and RC Ornithopter to successful completion.

### 3. Assistant Coordinator, Skating Club (May 2012 - July13):

- Helped form new events, managing the secretaries to ensure their smooth conduction.
- Responsible for management and organization of workshops.

### 4. Secretary, Take Off, Techkriti 2012:

- Managed the organization of aeromodelling competitions.

### 5. Secretary, Informals, Antaragni 2012:

- Responsible and accountable for success of a stage event and popularity of self-made functional pinball table for gaming arena.

### 6. Coordinator, Informals, Antaragni 2013:

- Devised new events, games, fun competitions for a wide audience of five thousand.
- Managed a huge team, modularized it to ensure efficient work and ease of operation.

## MISCELLANEOUS ACTIVITIES

### 1. Stage Magic.

- Have been performing magic shows on stage semi-professionally, for organizations like Indian Oil, Lions Club, Rotary club, Schools and many other forums.
- Performed in Deepanjali for students of IIT Kanpur.
- Performed magic in Galaxy 2013 as a part of dance routine to secure first position.

### 2. Music Theory course.

- Cleared Initial and First Grade in music theory and staff notation, Trinity Guild Hall.

### 3. Skilled RC flying of small scale aeromodels.