

ACADEMIC ACHIEVEMENTS

- ALL INDIA RANK 226 in IIT-JEE 2009 among 400,000 students.
- ALL INDIA RANK 35 in AIEEE 2009 among 10,00,000 students
- STATE RANK 136 in EAMCET 2009 out of over 2,00,000 students
- 1st rank in National Level Science Talent Research Examination(Physics) – 2008
- Gold Medalist FIITJEE Talent Research Examination(Physics) for being the zonal topper in one of the five zones in Andhra Pradesh
- Stood among the top 1% in the state in Physics Olympiad conducted by HBCSE in 2009.

KEY PROJECTS

- **BATTLE SHIP** Guide: Prof Amitabh Sanyal
The project is done using functional programming and graphic libraries through scheme programming language. The game is exactly like the game in miniclip website.
- **ATTENDENCE THROUGH FINGERPRINT DETECTION** Guide: Prof D. B. Phatak
Part of a team of 20 students responsible for the Consolidation and Classification of data that is acquired from the registration of the finger prints with the finger print sensor.
- **STEGANOGRAPHY** Guide: Prof Damani Om P.
The project is done with by storing keys got by using huffmann coding in the least significant digit of pixel in the image.
- **DESIGN TAXI POLLING SYSTEM FOR MUMBAI** Guide: Prof Anirudha
The project is about designing a taxi polling system for Mumbai. For the project we (a team of 6) conducted interviews of taxi drivers, passengers and finally came out with a solution which is designed for Mumbai city.

COURSES UNDERTAKEN

- **Computer Science**
Courses completed
Abstractions and Paradigms in programming and associated lab
Computer Programming and Utilization
Data structures & Algorithms, associated lab
Discrete Structures
Logic Design and associated lab
Software systems Lab
Automata theory and Logic
Design and Analysis of Algorithms

- **Mathematics, Statistics Courses**
Calculus, Linear Algebra, Differential Equations, Data Analysis and Interpretation, Numerical analysis.

POSITIONS OF RESPONSIBILITY

- **Sports Secretary** of the Department of Computer Science and Engineering.
- **Class Representative** of Computer Science batch of 74 students in the year 2010-11.
- Coordinator for **Robowars** of Techfest 2011.
- Coordinator for **Publicity and Design** of Student Alumni Relations Cell 2011.
- Organizer in **Mood Indigo** and **Techfest** in the freshmen year.
- **Tech Mentor** for freshmen in hostel 4, IIT Bombay.

TECHNICAL SKILLS

- Programming languages: C++, Scheme, JAVA, Perl, SQL
- Shell scripting: Bash scripting.
- Presentation tools: HTML, CSS, Java Script, PHP.
- Operating systems: Windows, Ubuntu.
- Application Softwares: Photoshop, Scilab.
- Yii – PHP framework.

OTHER ACTIVITIES

- Played a **Lead role** in a video which stood 1st in freshizza, an event for freshmen in IITB.
- Played a **Lead role** in a short film which got 2nd in the institute.
- Was part of NCC for 1 year and won 5th position in obstacle training in the camp.
- Participated in **F1 race**, an institute level competition, in which participants are required to drive the wireless cars made by them.

AREAS OF INTEREST

- Creating and developing web applications, mobile applications and games.
- Creating webpages.
- Creating add-ons for web applications.
- Algorithm and complexity study.

DECLARATION

I hereby declare that the information given above is true to the best of my knowledge, as of August 2011.

BALLA SAI BHUVAN TEJA