

# DOOSA VENKATESH

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## ACADEMIC BACKGROUND

Year	Degree	Institute	Performance
2008-12	Civil Engineering	Indian Institute of Technology Bombay	6.61
2007-08	Computer Science Engineering	International Institute of Information Technology-Hyderabad	6.3
2007	Board of Intermediate Education-AP	Narayana Junior College Hyderabad	96.7 %
2005	Class(X)-CBSE	Jawahar Navodaya Vidyalaya Adilabad	92.8 %

## SCHOLASTIC ACHIEVEMENTS

- Ranked in **top 0.5%** among 4,00,000 students in IIT JEE (Most competitive exam in India).
- Ranked All India 1,138 among 7 lakh students in AIEEE.
- Stood in **top 50** in the state in 10th public examination (CBSE – National Board).
- Was awarded Certificate of merit in National Standard Examination in Physics- for standing among **top 1%** in the state of Andhra Pradesh.
- Was invited for a 5-day visit to **ISRO** (Indian Space Research Organisation) for **academic excellence** in matriculation examination.
- Selected for series of lectures of **APJ Abdul Kalam**, former President of India in IIIT-hyd.

## TECHNICAL ACTIVITIES

- **Summer Internship:** Carried out a project on construction practices of a 4.4 km flyover on National Highway-2 in Hindustan Construction Company(**HCC**) for about 8 weeks involving time-cycle for various event of construction, RE wall, Quality control tests and

working mechanisms of various launching gantries (NRS, Bridgecon, trestle).

- **TERM PAPER:** Carried out a comprehensive and analytical study on the topics of **extreme loads for building**, identifying design hazard and how failures occur in bridges and civil engineering structures.
- **SURVEY:** Presentation on **Mobile network** services in India
  - ⊖ Carried out a detailed survey and presented a seminar on the various mobile network service providers and the developments in this sector in India.
  - ⊖ Studied the market shares and the methods employed to sustain in the market and to attract subscribers.
- **PROJECT:** Program for solving the **Sudoku** puzzle
  - ⊖ Implemented an **algorithm** for solving the puzzle of any level, generating a new puzzle and **designed** an elegant code **C**, **C++** and **Python** for solving sudoku.

#### RELEVANT COURSES

- **Civil Engineering:** Engineering mechanics, Solid mechanics, Structural mechanics, Fluid mechanics, Hydraulic Engineering, geodesy, Soil Mechanics, , Transportation Engineering, Design of Structures, and corresponding labs.
- **Computer Science Engineering:** Computer Programming(C, C++, Python, Shell Programming etc.), Digital Logic Design, IT-workshops 1 and 2, Data Structures, Electrical Science, Computer Organisation.

#### SOFTWARE SKILLS

- Programming : C , C++ ,Python, HTML, CSS, PHP.
- Operating Systems : Linux, Windows, Mac
- Softwares : MS-OFFICE, AUTOCAD, MATLAB, etc.

#### EXTRA CURRICULAR ACTIVITIES

- **Positions of Responsibility**

- ⊖ **Computer Secretary**:Responsible for monitoring the hostel network of computers.
- ⊖ **Coordinator**:Organised events and competitions in **Techfest**, Asia's largest college technical festival.
- ⊖ **Marketing Coordinator** for **Mood Indigo**(largest cultural festival in India).
- ⊖ **Organiser for Techfest2009** under events and workshops.
- ⊖ **Volunteer for Felicity 2008**, annual college cultural festival of IIIT – Hyderabad.

- **Member of GRA(Group of Rural Activities)**

- ⊖ Helped the **BHIL** tribes (very backward tribal group) of Madhya Pradesh, India to socialize with the outer world.

- **Sports**

- ⊖ Part of the team winning **Hostel volleyball** in the Inter Hostel Championships
- ⊖ Secured 4<sup>th</sup> position in **Chess** championship conducted in IIIT.
- ⊖ Was awarded National Sports Organisation Certificate in volleyball.
- ⊖ Avid runner and participated in many **marathons** and various intercollege competitions.

- **Others**

- ⊖ An enthusiastic trekker and took part in many **trekking** events.
- ⊖ Won many prizes in quizzes ,speech and essay writing competitions in school level.

## DECLARATION

I hereby declare that all the above-mentioned details are true to the best of my knowledge.