



**NARISSETTY ADITYA PRASAD**  
**Mechanical Engineering**  
**Indian Institute of Technology, Bombay**

**09010070**  
**UG Third Year (B.Tech.)**  
**Male**  
**DOB: 22-08-1992**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	7.99
Intermediate/+2	Board Of Intermediate, A.P	NARAYANA JUNIOR COLLEGE	2009	95.00
Matriculation	Secondary Board, A.P	NARAYANA CONCEPT SCHOOLS	2007	93.00

### SHOLASTIC ACHIVEMENTS

#### OLYMPIADS:

- 1) Recieved **GOLD MEDAL** for my performance in Indian National Chemistry Olympiad and was selected for OCSC 2009
- 2) Was among the top 0.1% in the state who gave Indian National Physics Olympiad 2009.
- 3) Selected for Indian National Astronomy Olympiad 2009

#### ENTRANCE EXAMINATIONS:

- 1) Selected among **top 0.001%** of the **0.4 million** students who gave the **IIT-JEE 09** exam.
- 2) Selected among top 0.001% of the 1 million students who gave the AIEEE (All India Engineering Entrance Examination) '09 exam and ranked 113.
- 3) Recipient of MERIT Scholarship from IIT Bombay based on the performance in ALL INDIA JOINT ENTRANCE EXAM-2007.
- 4) Recipient of CBSE-Merit Scholarship from 2010 given to only 300 students across the country based on yearly academic performance.

#### OTHERS:

- 1) Successfully completed the Advanced C++ Course and certified with a grade GOOD. Includes Shell Scripting, Overloading, Linked lists, Exceptions and classes.

### ACADEMIC PROJECTS

- 1) **Computer Programming and Utilization** **[AUG-NOV' 09]**  
[Year I, Semester I] Course Project under Prof. D.B.Phatak
  - Simulated C++ program to analyze Finger Prints and organize them along with the individual's information.
- 2) **Materials and their analysis** **[AUG-NOV' 10]**  
[Year II, Semester I] Course Project under Prof. G.V.Prabhu.
  - Carried out extensive research on the properties required in the materials used for making Ship-propellers.
  - Suggested alternatives for the same and made qualitative comparisons.
- 3) **Manufacturing Process** **[JAN-APR' 11]**  
[Year II, Semester II] Course Project under Prof. Amitava De
  - Fabricated the individual components of a screw jack using Lathe, Shaping, Drilling Milling and Welding and assembled them into a workable unit.
  - Prepared inspection report for every component estimating the errors and time taken for each component.
- 4) **Rapid Product Development** **[AUG-NOV' 11]**  
[Year III, Semester I] Course Project under Prof. K.P.Karunakaran
  - Literature Review on the Additive Manufacturing Processes currently used and their adaptation. Study of 5-Axis machine manufacturing and worked on HLM Soft used to operate the 5-Axis machine.
  - Developed a code for the tool path of 5-Axis machine through contours and improvised contour software Vironi.

#### 5) Finance SJM-SOM :

- Currently working on a project to access the Equities and Liabilities of a Brokerage firm.

IT SKILLS	
Operating systems	Windows, LINUX, Mac-OSX
Programming Languages	C, C++,JAVA and MATLAB, LATEX, Shell Scripting
Web designing	HTML, Flash, JavaScript.
MS Office	Excel , Word, PowerPoint
Languages	English, Hindi - Fluent in writing and verbal French - Intermediate proficiency
Softwares	AutoCAD, Matlab, Scilab, Mathematica & Adobe CS

- Certified for active participation during the conduct of Winter school on developing Technical skills like Matlab, Latex, Java, Optimization, Vector Calculus, Statistical Analysis, Shell Scripting, Web Development and Microcontrollers.
- Completed Projects in the corresponding fields and gained required Technical skills.

#### Additional Courses pursued:

Human Resource Management in SJM-School of Management. Worked on several case studies under the course instructor.

#### EXTRA CURRICULAR ACTIVITIES

##### ORGANIZATIONAL:

- 1) **Organizer** of University Technical Festival- **TECHFEST 2009, IIT Bombay** (Rated as the largest Science and Technology college festival in Asia). Organized the event Free-Kick.
- 2) **Organizer** of University Cultural Festival-**MOOD-INDIGO 2008,IIT Bombay** (Asia's largest Cultural Festival)

##### SPORTS:

- 1) Swam a distance of 2.25Km in 1 hour and stood fit in the endurance test for Swim camp conducted by IIT-B and
- 2) Member of Inter-IIT Aquatics Selection Camp 2011.
- 3) Lasted for 6 hours of continuous Swimming in the event Swimathon which is an annual swimming marathon in IIT-B.

##### FOREIGN LANGUAGES:

- 1) Successfully completed Basic course in French involving **120 hours** of instruction with a grade **"VERY GOOD"**.
- 2) Currently pursuing an advanced course in French completing 50 hours of instruction and can communicate in French.
- 3) Successfully cleared **DELTA A2** which is a language proficiency test in French and hold the certification as a proficient speaker in French.

##### DISCIPLINE:

Was an NCC Cadet of batch 2009-2010 and mastered several combat skills and history. Developed qualities of Character, Courage, Comradeship, Discipline and Leadership. Passed Certificate "B" Examination and attended Training cum Adventure Camp.

ADITYA PRASAD NARISSETTY