



**DAMA SRINATH**  
**Aerospace Engineering**  
**Indian Institute of Technology Bombay**

**120010055**  
**UG Second Year**  
**Male**  
**DOB: 10/07/1994**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2014	7.32
Intermediate/+2	SRI CHAITANYA CO-ED JUNIOR COLLEGE	SRI CHAITANYA CO-ED JUNIOR COLLEGE	2011	96.30
Matriculation	VIKAS HIGH SCHOOL	VIKAS HIGH SCHOOL	2009	89.50

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## SCHOLASTIC ACHIEVEMENT

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- Secured **AIR 1692** in **JEE'12** among **0.48 million** aspirants
- Secured rank **303** in **EAMCET'12** among **0.38 million** students
- School topper in 12th Andhra pradesh state board with **100%** marks in **maths**
- Pursuing a **Minor** course in systems and controls engineering [ July'13]

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## TECHNICAL PROJECTS

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### Autonomous Robots [2012]

- Designed a **Remote Controlled Plane** and stood at **5<sup>th</sup> position** out of 25 teams participated in RC plane competition

### Dijkstra's algorithm in C++ [2012]

- Designed a program for implementation of **Dijkstra's algorithm** using basic concepts of loops and arrays in C++

### Aqua jet

- Designed a rocket that uses **hydrostatic pressure as a means of thrust to propel** the rocket. Range of 91 meters is attained which is good considering the amount of thrust by H<sub>2</sub>O used.
- Participated in **Zephyr** and stood at **2<sup>nd</sup>** position out of 50 participated teams.

### Engineering Design Project | *Guide R. Pant* [Aug'13]

- Analysing the needs of stakeholders, thereby designing a commercial product as per the need of stakeholders keeping in view of design limitations

### Member in controls subsystem of student satellite team [Aug'13-present]

- Pratham is IITB's **largest student technical initiative** in collaboration with **ISRO** and With budget of 15M INR .
- My areas of work is **dynamics and controls of satellite, simulations of control loops**
- Interested in **Dynamics, Attitude determination and controls** of aerial vehicles

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## EXTRACURRICULAR AND CO-CURRICULAR ACTIVITIES

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### National Cadet Corp [2012]

- Attended the Annual Training Camp and took part in events of rifle shooting, map reading,

- camping as a part of the National Cadet Corps(NCC) training for B certificate
- NCC 'B' certificate holder

### **Sports**

- Represented hostel in Cricket freshmen General Championship
- Participated in 4k run in MI [Dec'13]

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### **SOFTWARE SKILLS**

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- Programming language: C, C++
- Software: Solid works, Matlab , AutoCAD, MS office
- Fluent in using UNIX and Windows

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### **POSITIONS OF RESPONSIBILITY**

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- Organised lectures of Amrartya Sen (Nobel Laureate Economic Sciences, 1998) Rakesh Sharma , Ei-ichi Negishi (Nobel Laureate Chemistry 2010) during Techfest [2013]
- Organised TEDx Masala – a conference independently organised by UnLtd India in partnership with E-Cell under the patronage of TED [Jan'13]
- Mentored freshman in xlr8

### **Declaration:**

I hereby declare that the information given above is true to best of my knowledge, as of January 2013.

**DAMA SRINATH**