



MATCHA AJAY BABU
Aerospace Engineering
Indian Institute of Technology, Bombay
Specialization: B.Tech

100010042
UG Third Year (B.Tech.)
Male
DOB: 12-08-1993

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	6.40
Intermediate/+2	Sri chaitanya junior kalasala	Sri chaitanya junior kalasala	2010	96.50
Matriculation	St.peter's E.M.H school	St.peter's E.M.H school	2008	87.00

Scholastic achievements

- ⇒ Received **Best Student Award** for **three** academic years in school.
(2001, 2002, 2006)
- ⇒ Achieved **AIR 307** in AIEEE B.Arch , **AIR 158** in ISAT , **AIR 1444** in IIT JEE, **AIR 1169** in AIEEE B.Tech, and **376** in EAMCET which was attended by around 4 lakhs students.
(2010)
- ⇒ Stood first of the class continuously in every exam for three consecutive years.

key academic projects

RC PLANE (Personal Intrest)

- ⇒ Designed an rc plane for our techfest competetions.
- ⇒ Did microscopic research in range , max altitude, wing design of planes.
- ⇒ Used a 10,000 rpm per volt brush less DC motor with three servo motors in the construction.

CARD GAME (B.Tech project)

- ⇒ Developed a card game using c++ language and got appreciation from the professor.
- ⇒ Applied FLTK graphics.

AQUA JET (B.Tech project)

- ⇒ Designed a rocket that uses hydrostatic pressure as propellant.
- ⇒ Applied the concepts that are taught to get maximum range and did ground work for the design part.
- ⇒ Designed fins of them to attain maximum range by doing research on them.

PREVENTION OF BIRD MENACE AT DEPT BUILDING (B.Tech project)

- ⇒ Did research on the birds about their way of living and presented a report about the ways of solving the problem.

Positions of responsibility

HEAD BOY

(2007)

- ⇒ Lead the school in various inter school competetions ,meetings etc.
- ⇒ Acted as bridge between students , lecturers and principal and implemented many new ideas in coordination with principal.

COORDINATOR , Events department – Techfest (also as an organiser)

(2011,2012)

- ⇒ Interacted with companies and students from various colleges through out the country.
- ⇒ Marketed official souvenirs of techfest during techfest
- ⇒ Actively contacting with the participants of the techfest and focussing on to make it large.

CAPTAIN , Badminton team- zonal competetions

(2007)

- ⇒ For the first time in our school history lead the juniors team successfully to semi finals.
- ⇒ Initiated the badminton interschool competetions.

Technical skills and additional courses

- ⇒ Programming languages : C++, phyton and familiar with some other languages.
- ⇒ Applications : photoshop, many Microsoft and adobe applications.
- ⇒ Operating systems : linux ,windows(all versions).

Extracurricular activities and other achievements

- ⇒ Was the member of scool team in badminton, cricket, handball teams that attended for zonal competetions.
- ⇒ Was one of the 35 guys selected for inter iit camp.
- ⇒ Selected for NSO cricket in freshie year.
- ⇒ Was the winner of intra school quiz competition for three consecutive years which was maximum by any student as the participation is allowed for just three years.
- ⇒ Was winning captain of the team that won intra school cricket competition.
- ⇒ Represented school in many competetions on debating, quizzes , Olympiads and won first prize in presenting a report on road accidents and solutions for them.
- ⇒ Is the holder of green stripe belt in taekwondo and the member of indian taekwondo federation.
- ⇒ Actively participated in many inter, intra school and college cultural events.

Areas of interest

- ⇒ Interested in bikes, cars, photography, journalism, politics, movies, designing of websites and vehicles.
- ⇒ Love music and reading books.