

J P ranav Chandra(110070056)
Electrical Engineering
IIT Bombay

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Academic Details:

Examination	Assessment	Institute	Year	CPI/%
Graduation	Cumulative Performance Index(CPI)	IIT Bombay	2011-2012	6.79
Intermediate	Intermediate(10+2)	Narayana	2011	91.0
Metriculation	CBSE	Gowtham	2009	88.0

SCHOLASTIC ACHIEVEMENT

- Secured **All India Rank-1131** in **IIT JEE-2011** amongst 460,000 students
- Secured **All India Rank-348 in AIEEE(B-Tech)** and **All India Rank 436 in AIEEE(B-Arch)-2011** amongst 1,100,000 students
- Secured State **1st Rank** in **MATHS TALENT TEST-2006** conducted by **A.I.M.Ed** (Association for Improvement of Maths Education)

PROJECTS:

AUTONOMOUS OBJECT DETECTING LINE FOLLOWER(Under Institute Technical Summer Project(ITSP)IIT Bombay):

(Duration 1 month may-june 2012).

- Involves making of IR sensor ,MOTORDRIVER, ULTRASONIC sensor circuits
- Carried out a comparative study of various object detecting and line following algorithms using arduino software
- Studied and analysed the usage of LM324 [IC] (used in the IR sensor circuit for line following), L293D [IC] (used in the motor driver circuit) and Atmega328 [Microcontroller] (used in arduino)

Made a **wireless remote controlled car** as part of **Techone Competitions** for freshmen

SOFTWARE SKILLS

Softwares: Adobe Photoshop, Illustrator, Sony Vegas, Acoustica

Languages: C++, C, arduino

Operating System: Windows, Ubuntu

TECHNICAL PROFICIENCY

- Worked with **8085-Micro Controller Kit** and assembly language
- Efficient in programming techniques and algorithms, worked with C++
- Fluent in **Arduino coding**

POSITION OF RESPONSIBILITY

Coordinator of Techfest 2013

- Working as part of the poster designing team and made posters for various events in Techfest 2013 and one of the member in designing the display page of www.techfest.org
- Working as a part of publicity team, publicising our events in different countries

Hostel Secretary

- Currently working as **Social Secretary of Hostel 13, IIT Bombay**. Responsible to organise cultural events and festivals in the hostel

EXTRA CURRICULAR ACTIVITIES

- Won **2nd** place in **group dance** competition behalf of hostel 4 in **freshiezza** 2011
- Worked as an organiser in Mood Indigo 2011 and Techfest 2012
- Volunteer of electronics club and **Mentored electrified sessions** for firstyear students
- Won **2nd** place in **mono action** competition at school level
- Won **1st** place in **solo dance** competition at school level