**Nitish Kumar Gupta**

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**Career Objective:**

To get a job in challenging and healthy work environment where I can utilize my skills and knowledge efficiently for organizational and career growth.

**Academic Qualifications:**

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| --- | --- | --- | --- | --- |
| **Examinations** | **Name of the**  **School / College** | **Board/ University** | **Month & Year**  **of Passing** | **Marks (%)** |
| 8th semester | Pillai’s Institute of | Mumbai | May-2014 | 76.8 |
| 7th semester | Dec-2013 | 72.87 |
| 3rd year | May-2013 | 73.17 |
| 2nd year | Information Technology |  | May-2012 | 71 |
| 1st year |  |  | May-2011 | 70.56 |
| H.S.C. | Ramanand Arya D.A.V. Junior College | MSBSHSE | February-2010 | 88.33 |
| S.S.C. | Angel’s Paradise English School | MSBSHSE | March-2008 | 81.84 |

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| **Graduation:** Bachelor’s degree in Electronics Engineering | **Aggregate:** 72.3% |

**Academic Projects:**

1. **Surveillance based on tracking and targeting using video processing** – *Final year project*

The main motivation for this project was the horror night of 26/11 in Mumbai. This is a Real-time object tracking and targeting method in which we use CCTV camera to identify and track the target in the viewing range of the camera from surveillance room. Along with software tracking the system will also track the object in the scene using a laser mounted robotic arm. The robotic arm operates in such a way that it covers each and every co-ordinate in the video frame by its pan-tilt motion.

1. **DTMF based Cell phone operated robot car** – *3rd year analog project*

The main motive behind this project was to control a system wirelessly without any trade-off with range of operation. In this project DTMF frequencies are received over the network during call and are decoded using DTMF decoder IC MT8870. The output of this IC is always a unique 4 digit binary code which is processed by a microcontroller (P89V51RD2 in this case) which was programmed in embedded C, to control the motor driver IC L293D and hence the car is controlled wirelessly.

1. **RC phase shift oscillator using BJT** – *2nd year analog project*

An oscillator is used as a signal generator with variable frequency. We designed an oscillator circuit for low frequency operation using RC network in the feedback path. A PCB of this circuit was developed manually. The input to this circuit is noise from which a particular frequency was selected amplified and outputted as a sine wave.

**Computer skills:**

* Software: Oracle SQL developer, Eclipse IDE,, Putty, Matlab, Proteus, Keil, Masm.
* Tools: Informatica, Business Objects, Microstrategy.
* Languages: SQL, UNIX, C, C++, Java, HTML.
* Microcontrollers: 8051, Arduino.

**Achievements & Participation:**

* Awarded by college for securing 2nd position in graduation.
* Elected as a Second year representative in Council team of intracollege fest, Worked as an Event Head and Volunteer of creative team in Pegasus (Cultural fest).
* Visited MTNL Powai as a part of an Industrial visit.
* Participated in Robotics events under IEEE.
* Awarded by Lions club of Bombay and R.A.D.A.V. College for academic performance in H.S.C.

**Personal details:**

Father’s Name : Anil S. Gupta

Address : 504, Narayan Palace, Anand Koliwada, Mumbra, Dist.-Thane,

Maharashtra.

Nationality : Indian

Date of Birth : 16th December, 1991

Marital Status : Unmarried

Hobbies : Reading technical papers, websites and novels, Sketching, Singing

Languages Known : Hindi, English and Marathi

**Declaration:**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date: 04-02-2015

Place: Thane Nitish A Gupta