

Yash Jivrajani

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**ACADEMIC DETAILS**

Examination	University/Board	Institute	Year	CGPA/%
Under Graduate Specialization:	<i>Electronics Engineering</i>			
Under Graduation	Mumbai University	Fr.C Rodrigues College of Engineering	2014-present	6.56
Class XII	CBSE	Delhi Public School , Jaipur RAJ	2012	82
Class X	CBSE	Gajera International School, Surat GUJ	2010	7.8

MAJOR PROJECTS, SEMINARS and WORKSHOP**1. Bus Management using RFID tags** (MRD granted Project)

(Guide: Prof. Supriya Shivanath Kamoji, Prof. Sunil Dilip Chaudhari , March'17 - till date)

- Objective :To implement RFID in the bus management system and reduce paperwork and human errors. .
- It has a RFID scanner which scans RFIDs of teachers and students and monitor attendance.
- The App also sends realtime location of the bus and sends important messages and notifications to parents and teachers.

2. Robotic Assistance for TB patients (Mini Project Sem-6/EYIC Project)

(Guide: Prof. Kranti Kiran Wagle , March'17 - May'17)

- Objective :To deliver appropriate medicines at regular frequencies to TB patients. .
- Main idea is to reduce human-to-human interaction with patients because TB is a contagious disease.
- The System uses RFID to authenticate everyone in the hospital.

3. Gesture Controlled Robot (G-BOT) without any microcontroller (Mini Project Sem-5)

(Guide: Prof. Monica Tushar Khanore , July'16 - Dec'16)

- Objective :To transmit gestures wirelessly to the robot. .
- Accelerometer was used as to sense the gestures and transmitted through an appropriate transmitter module.

4. One-Stop-Shop: Lamborghini (Class XII Informatics Practices Project)

(Guide: Prof. Minni Joseph , June'11 - March'12)

- Objective :GUI setup in Java NetBeans for shopping, reserving for museum and viewing cars and their details. .
- Main idea was to let the user do everything.

5. Single Phase Bridge rectifier and Making biodiesel from waste oil (Class XII Physics and Chemistry Projects respectively)

(Guide: Prof. Ravi Dutt and Sanjay Singh , June'11 - March'12)

- Objective :To show basic concepts of academics in real-life applications .
- Rectifier was for 220V 50Hz input and 5V DC 2A output, Biodiesel was almost pure and replacable to Diesel

6. Python Coding Workshop. (EduVance and Endorsed by IUCEE Mumbai)

(Guide: Prof. Archana Pascal Lopes , Feb'17 - Feb'17)

- Learnt Basic as well as advance Python Scripting. Also made a "Guess the number" game

7. Remote Lab Learning Workshop. (EduVance and Endorsed by IUCEE Mumbai)

(Guide: Prof. Archana Pascal Lopes , Feb'17 - Feb'17)

- Learnt the concept of remote learning and used FPGA Boards to test basic programs like blinking LED or stepper motor, etc

8. Ethical Hacking. (Computer Society of India (CSI FR.CRCE))

(CSI team of Fr.CRCE , Sept'14 - Sept'14)

- Wi-fi hacking, Password Hacking and knowledge of Ethical Hacking using KaliLinux

9. Web Development Workshop. (Computer Society of India (CSI-FR.CRCE))

(CSI team of Fr.CRCE , Sept'14 - Sept'14)

- Basics of HTML, CSS, Bootstrap and executing jQuery with MySQL

TECHNICAL and SOFT SKILLS

- **Languages** (C, Java), **Database** (MySQL, SQLite) **Script** (Python 2.7), **Tools** (Arduino, RaspberryPi, AVR Studio, Image Processing-intermediate).

EXTRA CURRICULAR ACTIVITIES

- Dancing and listening to music, played Volleyball and state champ in karate in highschool

CO-CURRICULAR ACTIVITIES

1. Been a member of ROBOCON 2015-16
2. Learning about new Technical stuff especially about drones
3. Arduino development

PERSONAL DETAILS

1. Father's Name : Bharatkumar Jagjivan Jivrajani
2. Mother's Name : Anjana Bharatkumar Jivrajani
3. Sex : M
4. Date of Birth : 01/06/1996 (DD/MM/YYYY)
5. Nationality : Indian
6. Marital Staus : Single

CO-CURRICULAR ACTIVITIES

This is to veriy that all lthe above information is true and upto my knowledge
April 24, 2017

