

EDUCATIONAL QUALIFICATIONS

Course	Stream	Institute	Board / University	Date of Passing	Percentage
B.E.	Electronics	Atharva College of Engineering	Mumbai University	2017	71.70 %
H.S.C.	Science	St.Thomas Jr.College	MSBSHSE	2013	68.5%
S.S.C.	All	Aadarsh Vidya Mandir High School	MSBSHSE	2011	92.00%

SKILL SET (OPTIONAL FOR EXTC/ETRX STUDENTS)

- ❖ Languages : C, C++, JAVA
- ❖ Programming Environments : Matlab , Keil
- ❖ Operating Systems : Windows XP, Windows 7, 8

ACADEMIC PROJECTS AND PAPERS PRESENTED

ACADEMIC PROJECTS

- Title:** Security Alarm System

Description: The system is basically an intruder alert system used to prevent theft/robbery and Prevents one's premises by using SCR.The circuit of Security Alarm System utilizes a 555 timer IC and a SCR as its basic building block. Once the alarm starts ringing, it cannot be turned off in any manner unless the supply to the circuit is cut off. This system could be used to keep away the burglars from valuables of any type or protect the house.
- Title:** Home Security System

Description: The system is basically an intruder alert system used to prevent theft/robbery and Prevents one's premises by using Arduino and PIR sensors. Taking into account the affordability and feasibility, a small but easily viable Home Security System has been developed which could be used by everyone. A simple approach has been taken for making an Arduino based security system using a PIR sensor and a buzzer. When any human (thief) comes in the range of PIR sensor, Arduino executes a program to turn on the buzzer. The main aim of this project is secure the house/office from thief.
- Title:** Vehicle Tracking and Toll Collection System

Description: This system introduces an element of intelligent traffic system which allows automatic Toll Collection and continuous monitoring of traffic.This system not only aids in toll collection but can also be used to track stolen vehicles. The RFID tag mounted on the vehicle is read by the RFID reader which is interfaced to the ARM microcontroller. After successful transaction, the user is intimated about the same through a text message which is sent via a GSM modem. Thus this system will eliminate the manual handling of cash, reduce traffic congestion thereby decreasing air pollution and helping the commuters for a pleasurable journey.

PAPERS

1. Defence Security System: Border Security

The main purpose of the project is to enhance the border security electronically with automation and with that to reduce the work load and responsibility of the soldiers that continuously take a look on border 24x7. In the System using PIR sensors and Counters connected to poles of the System, we can easily detect and count the how many strangers or terrorists entering the border.

International Journal of Innovative Research in Science,
Engineering and Technology ISSN(Online): 2319-8753

CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

*Co-Curricular Activities:

- ❖ Awarded Third prize and Bronze medal for best paper presentation entitled as 'Vehicle Tracking and Toll Collection System' in International Conference on Innovative and Advanced technologies in engineering.
- ❖ Certificate for Completion of Java Training by the Spoken Tutorial Project, IIT Bombay.
- ❖ Certificate for Completion of Cpp Training by the Spoken Tutorial Project, IIT Bombay.
- ❖ Certificate for Completion of Basic C Training by the Spoken Tutorial Project, IIT Bombay.
- ❖ Participated in a workshop on Biped Robocharlie at IIT-Bombay.
- ❖ Attended a workshop on IUCEE-SPEED Program.
- ❖ Attended a workshop on "Basics of Robot programming" on Kuka Robot.
- ❖ Attended a two days workshop on "Embedded(VLSI and VHDL)" system.
- ❖ Attended One Day Seminar On "Mobile Phone Design" Conducted by Dr. James Conrad (Director IEEE , Region 3).
- ❖ Certificate of Participation in Google Dev Fest by CSI Atharva and Google Developers Group.
- ❖ Certificate for Completion of Training on "Cypress PSoC BLE" conducted by Eduvance and Cypress semiconductors.

*Extra-Curricular Activities:

- ❖ Awarded as Student of the year in St.Thomas Jr.College.
- ❖ Volunteering National conference on Technological Advancement and Automatization in Engineering.

*Internship:

- ❖ Internship at **Electrogadget.in** for the post of Product Analyst from 27th June,2015 To 30th June,2016.

PERSONAL DETAILS

- ❖ Date of Birth : 7th January,1995
- ❖ Languages Known : English, Hindi, Marathi
- ❖ Nationality : Indian
- ❖ Religion : Hindu
- ❖ Marital Status : Unmarried
- ❖ Address : Room no. 2103,C-wing,Bldg.no.1,Srachs1,Janu bhoys nagar , Kurar
Village, Malad(East),Mumbai-97

Manojkumar Kanhaiya Jha

Bachelor of Engineering
(Electronics)
Class of 2017



Atharva Educational Trust's

Atharva College of Engineering

Mobile : 8879312563

Email : manojjha0786@gmail.com

DECLARATION

I hereby declare that the particulars furnished above are correct.

Place : **Mumbai**

Date : **3rd June, 2017**

Manojkumar Kanhaiya Jha