**COVERING LETTER**

March 23, 2013

From: Maulika Vashishtha

201 Upnishad Flats,

18 Haribhakti Extension,

Old Padra Road

Vadodara- 390015

Gujarat, India

To,

Rochester Institute of Technology

Dear Sir/Madam,

         I am an international student, Maulika Vashishtha from India.Firstly, Thank you for giving me an opportunity to join your renowned university.

I am keen in applying to your University for numerous Graduate Assistantships program for which I think I am eligible. I would be highly obliged if I can get an opportunity to better support myself in pursuing higher studies. I am attaching my Resume herewith this covering letter for your reference.

After receiving the resume kindly confirm the receipt.

Looking forward to hearing from you soon.

Thanking you in anticipation.

Yours truly,

Maulika Vashishtha

**MAULIKA VASHISHTHA**

201-Upnishad Flats, 18 Haribhakti Ext.

O P Road, Vadodara (GUJARAT) INDIA

Contact no: 91-8238111382

Email id: maulika.vashishtha@yahoo.in

**CAREER OBJECTIVE**

To build upon and enhance my knowledge in my area of interest with a final goal of being a researcher in my area of interest.

**TECHNICAL SKILLS**

* Area of Interest : Control Systems, Digital Signal Processing
* Language skills : C, C++

**EDUCATIONAL QUALIFICATION**

* Electronics and Communication (EC) in Bachelors of Engineering Degree (BE).
* Aggregate percentage:79%

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| --- | --- | --- | --- | --- | --- | --- |
| **S.no** | **Semester** | **Board/University** | **Year** | **%age** | **Rank in College** | **Distinction/Division** |
| 1. | 8th | Rajiv Gandhi Proudyogiki Vishwavidyalaya,Bhopal | 2012 | 83.7% | 3 | D |
| 2 | 7th | Rajiv Gandhi Proudyogiki Vishwavidyalaya,Bhopal | 2012 | 78.1% | 3 | D |
| 3 | 6th | Rajiv Gandhi Proudyogiki Vishwavidyalaya,Bhopal | 2011 | 71.8% | 4 | I |
| 4. | 5th | Rajiv Gandhi Proudyogiki Vishwavidyalaya,Bhopal | 2011 | 77.6% | 3 | D |
| 5. | 4th | Rajiv Gandhi Proudyogiki Vishwavidyalaya,Bhopal | 2010 | 78.5% | 1 | D |
| 6. | 3rd | Rajiv Gandhi Proudyogiki Vishwavidyalaya,Bhopal | 2010 | 72.7% | 4 | I |
| 7. | 2nd | Rajiv Gandhi Proudyogiki Vishwavidyalaya,Bhopal | 2009 | 75.6% | 2 | D |
| 8. | 1st | Rajiv Gandhi Proudyogiki Vishwavidyalaya,Bhopal | 2009 | 75.1% | 3 | D |
| 9. | 12th | Central Board of Secondary Education | 2008 | 73% | NIL | I |
| 10. | 10th | Central Board of Secondary Education | 2006 | 81% | NIL | D |

\*NOTE: University does not follow GPA (Grade Point Average) henceforth we have been given marks in percentage were 75% and above is Distinction and Above 65% is 1st division. Every student whose aggregate is above 75% will be awarded HONOURS DEGREE.

**PROFESSIONAL TRAINING**

* SCIENTECH TECHNOLOGIES, INDORE(June-July’10)

Attended Vocational Training on **Basic Electronics and its Applications.** They taught us about testing and measurements of various electronic devices. We learnt about CRO and Function Generators. A 40 days training taught us soldering and disordering on PCB’s.

* INDIAN SERVICE MACHINES(ISM), BANGALORE(July-August’11)

Attended Vocational Training for 4 Weeks on **Embedded Systems**. Here we learnt Programming language C .We learnt how to work with Keil C Software and details of Microcontroller 8051 .Thus designed projects like Electricity Prepaid Meter and ECG Meter.

**MINOR PROJECT**: FM Transmitter

It is designed to use an input from another sound source (such as a guitar or microphone), and transmits on the commercial FM band - it is actually quite powerful, and thus if you transmit anything sensitive - it could easily be picked up from several hundred meters away.

**MAJOR PROJECT**: GESTURE CONTROLLED ROBOT

This Robot captures gestures or more general human pose and movements by cameras connected to a computer and thus the robot moves accordingly. The simplest approach is to run the code on a computer, which has a webcam connected to it to take the images, and the robot is controlled by the computer via serial or parallel port . The code is written in a software(MATLAB) that provides the tools for acquiring images, analyzing the content in the images and deriving conclusions.

**CO-CURRICULAR ACTIVITES AND ACHIEVEMENTS**

* Active participation in Swimming and Skating.
* Participated in Treasure Hunt organized in JEC and Gyan Ganga Festival and secured 3rd position.
* Secured position in Athletics and basketball in school.
* Active participation in school functions.
* Team editor for the College Department Magazine.

**Employment**

1. Worked as a Tutor at Enbee Education Center (EEC) to prepare student for GRE and TOEFL from October ‘2012 to 31st March ‘2013.
2. Currently working as a Project Trainee in Larsen & Toubro (L&T) in IES (Integrated Engineering Services) Department

**REFERENCES:**

1. Prof. Avinash Gaur (H.O.D , EC)

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1. Amrita Chakraborty (Lecturer)

Email id: amritachakraborty4@gmail.com