29th March 2013

To,

**Rochester Institute of Technology**

**Bausch & Lomb Centre, Building 77**

**Room 1241, 58 Lomb Memorial Drive**

**Rochester, New York – 14623-5604**

**Subject: Application for Student Affairs Graduate Assistantships**

Dear Sir/ Madam,

I, Abhishek Mukesh Gajra ( RIT Student ID – 845-00-0991) am applying for the following Student Affairs Graduate Assistantships. They are as follows:

* International Student Service Orientation GA
* Community Service Center GA ( RIT Leadership Institute & Community Service Center
* Student Wellness Program GA ( Student Wellness)
* Event Registration GA ( Center for Campus Life)
* GA for Off - Campus Community Outreach ( Center for Campus Life)

To begin with, I have completed my Diploma in Electronics and Video Engineering (E.V.) from VES Polytechnic in 2009 with 82% (First Class with Distinction). This was followed by an Engineer’s Degree Program i.e. B.E. in Electronics Engineering at ‘K. J. Somaiya Institute of Engineering & Information Technology’ (K.J.S.I.E.I.T), affiliated to ‘University of Mumbai’ (MU). I completed BE in 2012 with an aggregate of 69%.

In my final year of Diploma, as a part of my course, I developed a project ‘Electronic Eye Home Security System Using GSM Module’. With this project I represented my college at the National Level project exhibition organised by ‘Rajiv Gandhi Institute Of Technology’ (RGIT). I have also represented my college in National Level ‘Technical Paper Presentation’ (TPP) organised by ‘Ramrao Adik Institute of Technology’ (RAIT).

I was actively involved not only in my academics but also in the co-curricular activities. I was the member of the core committee of the student’s organization, wherein I planned & executed the annual events, treasure hunts, fresher’s party, and farewell functions. I am also an active social worker. With the help & support of my community members, I have organised many social awareness camps such as blood donation camps, animal welfare programs, sport events etc.

I hope that my academic and non-academic credits in addition with my aptitudes, and qualifications meet your prerequisites. I assure you that if given a chance I will strive to do my best in every activity. The Student Affairs Graduate Assistantships will give me an opportunity to interact with students of diverse backgrounds and will definitely enhance my interpersonal social skills. Being offered a GA, will be an honour to work for the University as well as reach out to the internal & external communities.

I request you to kindly accept my application for the said GA & hope you will consider it favourably. Also find attached my Resume for your perusal.

Thanking you in anticipation.

Yours truly,

**Abhishek Mukesh Gajra**

**Address : 402, Sai Flora, Sai Complex,**

**Navghar Road, Mulund East**

**Mumbai - 400081**

**Maharashtra, India**

**Ph:- +91 9773312753**

**Email: - [abhishekgajra@gmail.com](mailto:abhishekgajra@gmail.com)**

**Skype ID** - Abhishek Gajra

**Curriculum Vitae**



**ABHISHEK MUKESH GAJRA** D.O.B:12-08-1990



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Mumbai-400081.

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**Objective:**



**To gain an abstruse knowledge in the field of Electrical Engineering and scrutinize this field in every possible manner. Also learn the advanced way to approach technology and gain incomparable dexterity in an inventive and enthusiastic field of my interest by an additional profound study and extensive research work.**



**Educational Qualification:**

1. First Class in **B.E Electronics** from **K. J. Somaiya Institute Of Engineering & Information Technology (K.J.S.I.E.I.T)**, University of Mumbai(May-2012).

2 First Class with Distinction in **Diploma** in **Electronics and Video Engineering** from

**Vivekanand Education Society’s Polytechnic(VESP)**, Maharashtra State Board Of Technical

Education (May-2006).

1. First Class with Distinction in **Secondary School Certificate Examination** from **Sou. Laxmibai English Medium School( Sou.LEMS)**, Maharashtra State Board. (May-2006).



**Education Background :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DEGREE** | **NAME OF INSTITUTE** | **BOARD**/**UNIVERSITY** | **PASSING YEAR** | **PERCENTAGE** |
| B.E. Electronics Engineering | K.J.S.I.E.I.T | University of Mumbai | 2011-2012 | **69** |
| Diploma Electronics & Video Engineering | V.E.S.P | M.S.B.T.E | 2008-2009 | **81.4** |
| S.S.C. | Sou. L.E.M.S | Maharashtra State Board | 2005-2006 | **84.5** |



**Projects Done:**

**Diploma Final Year: ELECTRONIC EYE SYSTEM WITH GSM MODULE.**

Electronic eye system is a home security system which uses a GSM module. In this 4 sensors are

used. Door sensor, LPG leakage sensor, Fire or heat sensor, Laser or Light sensor. When any

of these detectors gets activated the signal goes to the microprocessor, then the microprocessor

processes the signal & gives its output buzzer, led display, light display and the GSM module.

According to the sensor activated a particular message gets displayed on the led display. A similar

message gets transmitted to the mobile number saved during programming via the module. In

this way we can help to protect our belongings efficiently.

**Second Year Of Degree: F.M. TRANSMITTER.**

In this project we prepared a F.M. transmitter. In this we tuned our circuit to the desired frequency

which depends on the coil. We tuned our cell phone or radio receiver to the set frequency. Now

whatever we spoke in the mic of our circuit & the same thing we could hear in the receiver.

**Third Year Of Degree: FASTEST FINGER FIRST.**

In this project we prepared a very interesting device which actually finds out who was the first to

attempt. For example, if we play antakshari and in the buzzer round, if two teams set the buzzer

at the same time then this circuit will help to distinguish between the teams who was first. And

no matter what it will never give a wrong output and it will even display that which team was first.

**B.E. (Final Year Of Degree) Project: COLOR BASED OBJECT SORTING MECHANISM:**

In this project the object are sorted on the basis of color. It was an Image Processing based

project, the coding part i.e. the software of the project was done using Visual Basic 6 &

Microcontroller programming codes. The concept of the projects can mainly be implemented in

the industries or companies in which object sorting is done on the basis of its color, hue, etc.

The object is placed on a conveyor belt, it gets detected by the camera, if the color of the

object matches with the predefined that is the wanted color object, the object will be passed on to

the wanted box uninterrupted, but if it’s the unwanted color it gets rejected midway, by a flipper

arm which is connected to the motor which gets the trigger pulse when the color does not matches.



**Personal Details:**

Name : Abhishek Mukesh Gajra

Date Of Birth : Aug 12th 1990.

Sex : Male.

Nationality : Indian.

Languages : English, Hindi, Marathi, Gujarati, Kutchhi

Extra activities : Swimming, painting, fashion designing, dancing, acting, creative works, social work, community service (blood donation camps, awareness programs, sports meet, animal welfare, event organizing, etc.)



**Skills:**

1. **Good Communication skill.**
2. **To solve critical problem.**
3. **To give my hundred percent every time.**
4. **To be a good team member.**



**Computer Awareness:**

AutoCAD, Knowledge of MS Office (Word, Excel, PowerPoint), Well versed with Internet.



**Technical Activities:**

1. Participation in Robotic Events.
2. Workshop on Cloud Computing, PCB Designing.
3. Member of ELECTRONIC ENGINEERING STUDENTS ASSOCIATION.



**Abhishek Mukesh Gajra**

