



# G.H. RAISONI COLLEGE OF ENGINEERING

An Autonomous Institute under UGC 1956 and Affiliated to R.T.M. Nagpur University



## B.E 1ST YEAR ENGINEERING

VOL-2 ISSUE-3

### COLLEGE BUZZ

SEPTEMBER 2013

**VISION:** To achieve excellent standards of quality education by keeping pace with rapidly changing technologies. To create technical manpower of global standards with capabilities of accepting new challenges.

**MISSION:** Our efforts will be dedicated towards imparting quality and value based education to raise satisfaction level of all stakeholders. Our strength will be directed towards creating competent professionals. Our endeavor will be to provide all possible support to promote research & development activities.



*"A tragedy is a representation of an action that is whole and complete and of a certain magnitude. A whole is what has a beginning and middle and end."*

*Aristotle*

## **“Rainbow 2013” in G.H.R.C.E. Nagpur**

On 31<sup>st</sup> August, 2013, Paper Presentation Competition “Rainbow 2013” under the auspices of First Year Forum “FAITH” for First year B.E. students was held in G. H. Rasoni College of Engineering, Nagpur. Large number of students participated in the competition while the others supported them in the audience with great enthusiasm.

There were several interesting themes for the competition such as activities of ISRO&BARC, use of nuclear energy, Nanoscience in medical field, engineering and technology in agriculture, alternate fuels, robotics and many more. First year budding students came up with different and interesting presentations on these topics. Renowned personality in the research field Dr.V.M.Nanoti, Professor and Dean Academics from Priyadarshini College of Engineering and Management was the judge for the competition. The other two judges were Dr.S.B.Jaju, Dean R & D and Dr.M.M.Khanapurkar Professor & Head ETC Department of G.H.R.C.E. Judges appreciated and lauded all the participants for their hard work and wonderful presentations. They encouraged them by sharing their vision with students. Mr. Prashant Singh & Mr. Rahul Fule were adjusted Winner for their enthralling presentation on ‘Nano Science in Medical Field’. The second prize was shared by two groups consisting of Mr. Kirtiraj Garud, Mr. Om Dhanwant& Mr. Nihar There and Ms. Ritika Kumari &Ms.Riya Meghnani for their presentations on ‘Alternate Fuels’ & ‘Robotics’ respectively.

In Beginning all guest were welcomed followed by Investiture ceremony where Tarandeep Singh and Vrisha Parekh were made President and vice President respectively and Soham Vyawahare, Priyanka Wadhai, Bharati Maruvada, Akhil Nair become Technical secretary while Nirali Mehta,Hiral Mehta,Priyanka Tadse, Samay Khairkar become Cultural secretary.

Dr V M Nanoti motivated all the students to participate in such events in large numbers. Judges and Dean First Year,Dr.B.P.Butey, also addressed the students on this occasion. Ms.Priyanka Tadse & Mr.Abhishek Raj compeered the program. Ms Shubhangi Bhusari as a convener of the event, proposed the vote of thanks. All the faculty members of Applied Physics Dept. & student volunteers proved to be instrumental for the success of the program.

## **Report on Debate Competition**

The Debate Competition was organized by the Department of English on the occasion of Teacher’s Day Celebrations on 5<sup>th</sup> September 2013 at Auditorium, GHRCE Campus for all semesters of B.E., M.B.A. and M.C.A at 3.30pm.Total no. of Participants were 47.The auditions were organized on 31<sup>st</sup> August 2013.27 students were selected for the final rounds .The Topic for the Audition round that “The House believes that the Modern day gadgets are decreasing human efficiency.”The Auditions were organized on 31<sup>st</sup> August 2013 and 27 students were selected for the final rounds. The auditions were conducted by Dr.Unnati Datar and Neha Kohli.The students selected from the Auditions were the finalist for the Debate Competition held on 5<sup>th</sup> September 2013 on the occasion of Teachers Day.

The topic for the Finals was “The House believes that peer pressure is demoting the self-esteem and therefore defocusing today’s generation. The students expressed their views assertively and emphatically. The debate was successful in providing a platform for venting their frustrations and channelizing their thought process in a positive Direction. Dr. Tidke, Dean Weaker Section and Dr. K. Mukherjee HOD MBA, GHRCE were the Judges for the Debate competition. The first prize was bagged by Bhagyashree Deshpande and 2<sup>nd</sup> Prize winner was Jessica Patel. The program was conducted by Neha Kohli and Deepali Jaiswal. Dr. Unnati Datar proposed the vote of Thanks. Prof. Rutika Meshkar provided essential support for the program.



Prize winners of Rainbow 2013 with Department of Physics Faculty members and Chief Guest Dr V. M. Nanoti

## Guest lecture for first year B. E. student at GHRCE

"Recession gives more challenges" were some of the motivational words by V. Murli HR Trainer & Consultant. The guest lecture was organized on 7<sup>th</sup> September 2013 under the aegis of First year Forum FAITH. He quoted some examples of Newton's laws, which turned fascinating for the students. He further explained the meaning of engineering in very wonderful way as to plan the things that are above our goals and to systemize our mind and soul. In continuation with his motivation words he added "Engineering is a way of thinking, Way of living." He appealed students not to get demotivated as they are going to be engineers. At last he concluded by saying, fall in love with the problems. Develop an attitude towards the problem. He also quoted that "Outside world is the mirror image of inside world". Ms. Nirali Mehta, cultural secretary of forum compared the program and Mr. Soham Vyawahare technical secretary of forum had given the vote of thanks. Dean First Year Dr. B. P. Butey, Forum In-charge Mrs. V. D. Raut & other first year faculty members & student coordinators were prominently present for the program.



## Skit Competition

The Department of English under the aegis of First year department "FAITH" conducted 'REFLECTIONS' a Skit Competition for the I semester B.E students on 21<sup>st</sup> September 2013.

The skit competition was aimed to unravel the creative talents while providing an effective platform for the students to unleash and vent the dilemmas endured by them during their growing years.

The best performers of each group were selected to form the present groups. All the eleven sections competed in the competition. Chief guest and judge Dr. Sandhya Nair encouraged the students and gave valuable insights of adding humor as an ace ingredients to the dramaturgy. Prof. Lovely John Menachery, the guest of honor applauded the students efforts. Director Dr. Bajaj congratulated exemplary creativity sported on the dais by the students who not only participated and showed their prowess in acting but made everyone aware of their sensitivity towards the society. The first prize was bagged by 'The never ending vanity' (Section A) and the second prize was won by 'The dear departed' (Section K).

Dr. B.P Butey Dean first year was the driving force behind this feat.

Mrs. V.D Raut and her forum team worked hard for the success of this event. Dr. Unnati Datar proposed the vote of thanks. Faculties at the department of English Deepali Jaiswal, Rutika Meshkar, Neha Kohli, Pallavi Thakre, and Vivek Shirkhedkar worked hard for the astounding success of the Event.



## Debate Competition

A Debate Competition was organized by the Department of English on the occasion of Teacher's Day Celebrations on 5<sup>th</sup> September 2013 at Auditorium, GHRCE Campus for all semesters of B.E., M.B.A. and M.C.A at 3.30pm. Total no. of Participants were 47.

The topic was "The House believes that peer pressure is demoting the self-esteem and therefore defocusing today's generation." The students expressed their views assertively and emphatically. Dr. Bajaj applauded the students for their commendable prowess to ponder and deliberate and Dr. Unnati Datar, Training Manager, GHRAHE thanked her for providing an effective platform for the students to vent their frustrations and channelize their thought process in a positive direction. Dr. Tidke, Dean Weaker Section and Dr. K. Mukherjee HOD MBA, GHRCE were the Judges for the Debate competition. The first prize was bagged by Bhagyashree Deshpande and 2<sup>nd</sup> Prize winner was Jessica Patel. The program was conducted by Neha Kohli and Deepali Jaiswal. Dr. Unnati Datar proposed the vote of Thanks. Prof. Rutika Meshkar provided essential support for the program. Participation certificates were given.



# GOOGLE GLASS



**Google Glass** (styled "GL SS") is a wearable computer with an optical head-mounted display (OHMD) that is being developed by Google in the **Project Glass** research and development project,<sup>1</sup> with a mission of producing a mass-market ubiquitous computer.<sup>1</sup> Google Glass displays information in a Smartphone-like hands-free format, that can communicate with the Internet via natural language voice commands.

While the frames do not currently have lenses fitted to them, Google is considering partnerships with sunglass retailers such as Ray-Ban or Warby Parker, and may also open retail stores to allow customers to try on the device. The Explorer Edition cannot be used by people who wear prescription glasses, but Google has confirmed that Glass will eventually work with frames and lenses that match the wearer's prescription; the glasses will be modular and therefore possibly attachable to normal prescription glasses.

Glass is being developed by Google X, which has worked on other futuristic technologies such as driverless cars. The project was announced on Google+ by Project Glass lead Babak Parviz, an electrical engineer who has also worked on putting displays into contact lenses; Steve Lee, a product manager and "geolocation specialist"; and Sebastian Thrun, who developed Audacity as well as worked on the autonomous car project.<sup>1</sup> Google has patented the design of Project Glass.<sup>[14][15]</sup> Thad Starner, an augmented reality expert, is a technical lead/manager on the project.

By: Samiksha lohokare sec E

(source: wikipedia)

# **Don't Quit**

by anonymous



When things go wrong, as they sometimes will,  
When the road you're trudging seems all up hill,  
When the funds are low and the debts are high,  
And you want to smile, but you have to sigh,  
When care is pressing you down a bit,  
Rest! if you must; but don't you quit.

Life is queer with its twists and turns,  
As everyone of us sometimes learns,  
And many a failure turns about  
When he might have won had he stuck it out;  
Don't give up, though the pace seems slow;  
You might succeed with another blow.

Often the goal is nearer than  
It seems to a faint and faltering man,  
Often the struggler has given up  
When he might have captured the victor's cup.  
And he learned too late, when the night slipped down,  
How close he was to the golden crown.

Success is failure turned inside out;  
The silver tint of the clouds of doubt;  
And you never can tell how close you are,  
It may be near when it seems afar;  
So stick to the fight when you're hardest hit;  
It's when things seem worst that you mustn't quit.

## ROBOTICS: WIDELY DEVELOPING FIELD

**Robotics** is the branch of technology that deals with the design, construction, operation, and application of robots, as well as computer systems for their control, sensory feedback, and information processing. These technologies deal with automated machines that can take the place of humans in dangerous environments or manufacturing processes, or resemble humans in appearance, behavior, and/or cognition. Many of today's robots are inspired by nature contributing to the field of bio-inspired robotics.



## FLOATING WHEELS BASED ON MAGNETIC LEVITATION

1. Floating wheels is among the most exciting magnet levitation attempts.
2. The idea is making a wheel and axle that will float above a set of magnets and can rotate with no friction.
3. This is a challenging experiment and interesting novelty that provides an attractive and exciting display.

By: Ritika Barnawal Sec:E  
(source: miniscience.com)



***INCHARGE : SHUBHAM CHINCHOLE***

***Co INCHARGE :RITIKA KUMARI***

***Members:RIYA MEGHNANI***

***SHUBHAM DASHASHAstra***

***SHUBHAM SHARMA***

***SHUBHAM PAWAR***

***SANKET KHATDEO***

***(SECTION - E)***