

## [Department Of Computer Science &Engineering, RKGIT, Ghaziabad]

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### MESSAGE FROM HOD

Our goal is to impart value based quality education along with development of positive attitude, skills and abilities to apply knowledge in order to meet the challenges of future. We impart quality education & training to students for shaping their careers. We are in continuous efforts to educate leaders who will turn great ideas into real changes that will make the world a better place and generate new knowledge and advance the progress of research. Our goal is to make efforts for the spread of technical education among classes and communities, which are socially and educationally underprivileged. Our goal is to create capable young researchers / teachers with great thirst for knowledge and scientific curiosity. We provide opportunities to the students to reach his/her highest personnel and professional capability. We develop the personality and character of students by value based education.

Warm regards,

**Dr. Tapsi Garg**

**(M. Tech., Ph. D.)**



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## Why “Big Data” Is a Big Deal

DATA NOW STREAM from daily life: from phones and credit cards and televisions and computers; from the infrastructure of cities; from sensor-equipped buildings, trains, buses, planes, bridges, and factories. The data flow so fast that the total accumulation of the past two years—a zettabyte—dwarfs the prior record of human civilization. “There is a big data revolution,” says Weatherhead University Professor Gary King. But it is not the *quantity* of data that is revolutionary. “The big data revolution is that now we can do something with the data.”

The revolution lies in improved statistical and computational methods, not in the exponential growth of storage or even computational capacity, King explains. The doubling of computing power every 18 months (Moore’s Law) “is nothing compared to a big algorithm”—a set of rules that can be used to solve a problem a thousand times faster than conventional computational methods could. One colleague, faced with a mountain of data, figured out that he would need a \$2-million computer to analyze it. Instead, King and his graduate students came up with an algorithm within two hours that would do the same thing in 20 minutes—on a laptop: a simple example, but illustrative.

### Vision

To be recognized globally for delivering high quality education in the ever changing field of computer science & engineering, both of value & relevance to the communities we serve.

### Mission

1. To provide quality education in both the theoretical and applied foundations of Computer Science and train students to effectively apply this education to solve real world problems.
2. To amplify their potential for lifelong high quality careers and give them a competitive advantage in the challenging global work environment.

## Upcoming Events

### **[CODING COMPETITION]**

[Computer Science & Engineering Department will organize “Programming Code Competition” on 12<sup>th</sup> Feb 2014]

### **[WEB DESIGNING CONTEST]**

[Computer Science & Engineering Department will organize “Web Designing Contest” on 25<sup>th</sup> Mar 2014.]

## Puzzle

Martin has one of the numbers 1, 2, or 3 in mind. Sophie is allowed to ask one question to Martin to find out which of these three numbers he has in mind. Martin will answer this question only with the answers "yes", "no", or "I don't know".

**Ques: -** Which question should Sophie ask Martin to find out in one time which number he has in mind?

