

# Vasavi College of Engineering

Ibrahimbagh -31

## Department of Computer Science & Engineering

A Report on “**Information Security**” by Mr. Rajkumar Rampalle Conducted on  
March 1<sup>st</sup> ,2014

### (Conducted under – Co-curricular Activity)

A Guest Lecture on “**Information Security**” delivered by Mr. Rajkumar Rampalle for the students of M.Tech I & III sem on March 1<sup>st</sup> ,2014.

Mr. Rajkumar is presently working as System Software Engineer for NVIDIA Graphics Pvt Ltd and he has more than 4 years of experience in development and testing.

The objectives of the session are as follows

- To Discuss the Security Problems in Software Development
- To explain the different techniques for user Authentication.
- To explain real world problems for Data Security.



Mr. Rajkumar started off the session with the introduction to network security and need of security.

He discussed problems which occurs during software development in regard to data security.

He discussed concept of digital signature and explained how traditional encryption algorithms are used in the user and message authentication.

He also explained SHA and MD5 algorithms for message authentication and concluded session by explaining his M.Tech project which was based on user authentication for bank data.