" Conceptual integrity is the most important consideration in system design "

Empowering the women fraternity, Celebrating Womanhood",was to bring light on the hidden talent of the female students.

EDITORIAL DESK

Hello!!! We are happy to welcome you all aboard the fledgling 6th edition for the scintillating year 2017. VMTWINSIGHT is the newsletter of the COMPUTER SCIENCE & ENGINEERING which aims to bring forward the buzz from the department in the past few months. The edition demystifies the realms of Computer science & Engineering and also provides insight to the latest technology adopted in the field. Hope our deeds would ignite everyone's life!!!

VISION

To achieve value oriented and quality education with excellent standards on par with evolving technologies and produce technocrats of global standards with capabilities of facing futuristic challenges.

MISSION

M1: To enrich advanced knowledge among students for reinforcing the domain knowledge and develop capabilities and skills to solve complex engineering problems.

M2: To impart value based professional education for a challenging career in Computer Science and Engineering.

M3: To transform the graduates for contributing to the socio-economic development and welfare of the society through value based education

PROGRAM EDUCATIONAL OBJECTIVES(PEOS):

PEO1: To acquire logical and analytical skills in core areas of Computer Science & Information Technology.

PEO2: To adapt new technologies for the changing needs of IT industry through self-study, graduate work and professional development.

PEO3: To demonstrate professional and ethical attitude, soft skills, team spirit, leadership skills and execute assignments to the perfection.

PROGRAM SPECIFIC OUTCOMES (PSOS):

PSO1: Foundation on Software Development: Analyze, design and develop efficient algorithms and software applications to deploy in secure environment to support contemporary services.

PSO2: Industrial Skills Ability: Develop software - solutions using open source environment to deliver quality products for business success.

PSO3: Ethical and Social Responsibility: Communicate effectively in both verbal and written form, will have knowledge of professional and ethical responsibilities and will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues.

PRAJWALAN 2K17
11th – 13th April,2017.

CULTURAL EVENTS, TECHNICAL ACTIVITIES & SPORTS

Chief Guest
Mr. Nayini Narsimha Reddy,
Home Minister, T.S.

Chief Patrons
Dr.L.Rathaiah,
Chairman Vignan Group
Mr. B.Shravan,
C.E.O Vignan Group

Matron
Dr. P.Sudhakara Rao,
Principal VMTW

Convener
Mrs.V.Indrani

Co-Conveners
Mrs.A.Narmada
Mr. L.Kiran kumar

FACULTY TECHNICAL ARTICLE BY

Title Name: Ethical Hacking by D. Anusha

STUDENT TECHNICAL ARTICLE BY

Title Name: Cloud Computing by N. SAHARIKA
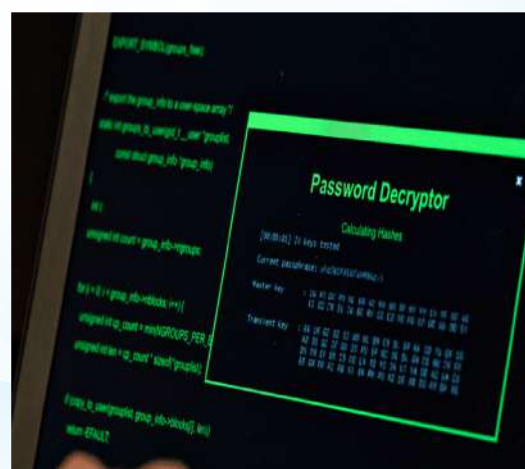
V.I.C.E. CLUB ACTIVITIES

· **Women's Day**   · **Holi**

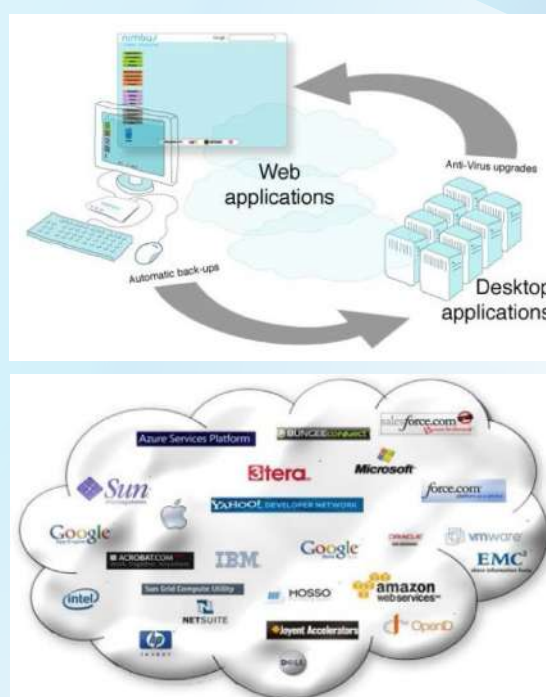## Faculty Technical Article : Title - Ethical Hacking Written by D. ANUSHA

Introduction

During the devolpment of the Internet, computer security has become a major concern for businesses and governments. They want to be able to take advantage of the Internet for electronic commerce, advertising, information distribution and access, and other pursuits, but they are worried about the possibility of being "hacked." At the same time, the potential customers of these services are worried about maintaining control of personal information that varies from credit card numbers to social security numbers and home addresses.In their search for a way to approach the problem, organizations came to realize that one of the best ways to evaluate the intruder threat to their interests would be to have independent computer security professionals attempt to break into their computer systems. This scheme is similar to having independent auditors come into an organization to verify its bookkeeping records. In the case of computer security, these "tiger teams" or "ethical hackers" would employ the same tools and techniques as the intruders, but they would neither damage the target systems nor steal information. Instead, they would evaluate the target systems' security and report back to the owners with the vulnerabilities they found and instructions for how to remedy them. This method of evaluating the security of a system has been in use from the early days of computers. In one early ethical hack, the United States Air Force conducted a "security evaluation" of the Multics operating systems for "potential use as a two-level (secret/top secret) system." Their evaluation found that while Multics was "significantly better than other conventional systems," it also had " . vulnerabilities in hardware security, software security, and procedural security" that could be uncovered with "a relatively low level of effort."

Student Technical Article : Title - Cloud Computing Written by N. SAHARIKA

Introduction

 Is it possible to avail computing on "need basis" as it is possible in case of "electricity" or "water? In other words, can I avail computing resources such as storage, application, and infrastructure as a "utility"? The answer is yes. And the name of model which is expected make computing available on retail basis is called cloud computing. Cloud computing intends to make the Internet the ultimate home of all computing resources- storage, computations, applications and allow end user (both individuals and business) to avail these resources in quantities of her choice, location of their preferences, for duration of their liking. In other world web become the provision store for all your computing needs. A business model built on this paradigm offers these resources as services either on pay per use basis or rental basis. Cloud computing is a term used to describe both a platform and type of application. A cloud computing platform dynamically provisions, configures, reconfigures, and deprovisions servers as needed. Servers in the cloud can be physical machines or virtual machines. Advanced clouds typically include other computing resources such as storage area networks (SANs), network equipment, firewall and other security devices.   .

WOMEN'S DAY CELEBRATIONS

One of Hyderabad most prominent and reputed Institute VMTW College celebrated woman hood on International Women's Day with a different enthusiasm. Bringing together all the female staffs (teaching and non-teaching), the college decided to hold an interactive session where everyone could put forward their views and perspectives freely.

Centered on the theme empowering the women fraternity, Celebrating Womanhood", an idea generated by HOD, the female colleagues exchanged several views on topics related to both personal and professional lives. In the college and various issues in the society.

"We decided to highlight that fact in the campus and the important suggestions, welfare scheme and objectives towards the development of women. Therefore, we thought to organize a platform for all our female staff, and students to allow them to express themselves."

DR. ALAPARTHI NARMADHA, Head of Department of electronics and communication engineering and the editor of the newsletter, said, "The purpose behind publishing a special edition of:" empowering the women fraternity "Celebrating Womanhood" was to bring light on the hidden talent of the female teaching and non-teaching staff of the college.

HOLI CELEBRATIONS

The HOLI Festival Is An Ancient Indian Tradition Which Celebrates The Triumph Of Good Over Evil. Colored Powder Is Thrown and Rubbed on People's Faces and People Come Together in Song And Dance. The Festival Is Filled with So Much Fun That the Very Mention of The Word HOLI Brings a Smile to Anyone's Face. HOLI Also Celebrates The Arrival Of Spring, A Season Of Joy And Hope. The HOLI Day Was The Perfect Reminder Of All The Benefits Of Studying In VMTW Because Of All The Fun That Can Come From Learning About Different People's Cultures.