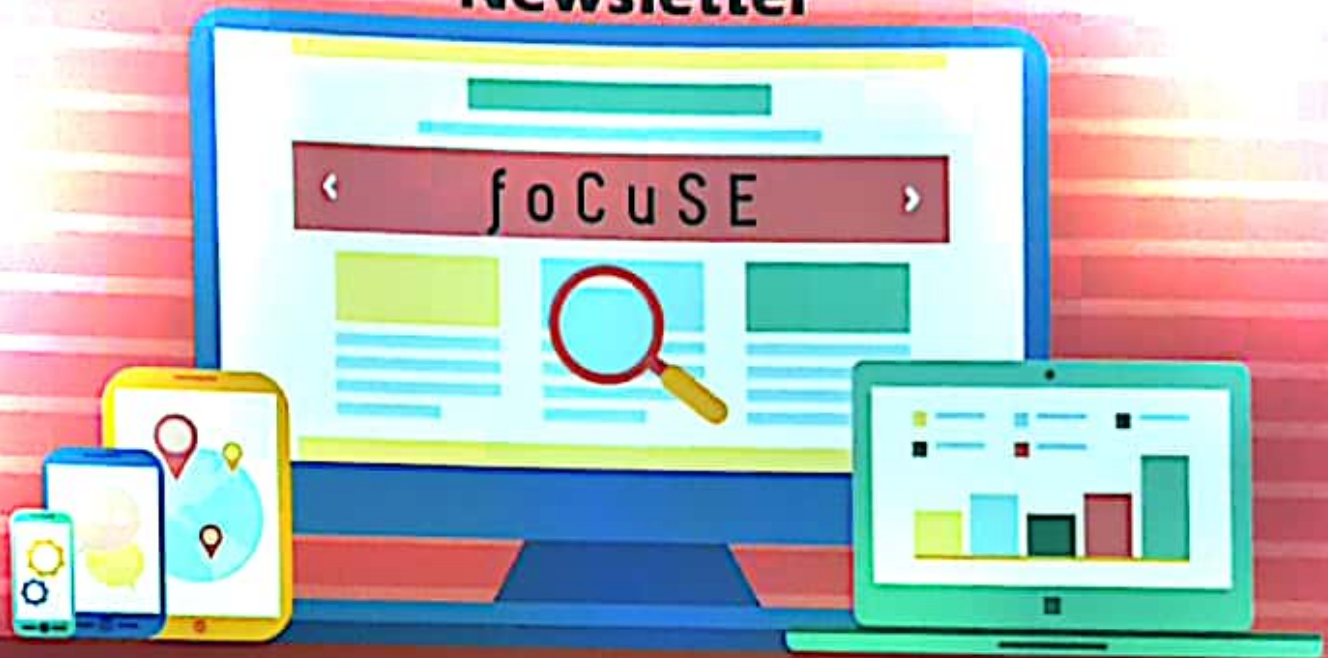# DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

Presents
Newsletter

foCuSE

Principal Message:

I am very much pleased with the idea of releasing newsletter from the Department of Computer Science and Engineering of Kakatiya Institute of Technology & Science, Warangal. This is really a very good effort to keep students abreast of the new technological trends and directions in the field of Computer science - Dr. K. Ashoka Reddy

Chief Editor Message:

It gives me immense pleasure to announce the release of CSE department newlett1er, foCuSE. The unique feature of the news letter is that It is being planned and designed by the student and designed by the student fraternity alone and without whose support this would not have been the reality - Prof P. Niranjan Reddy

Editorial Board

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Head of the Department	Associate Professor	Assistant Professor	Assistant Professor

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3D INTERNET

Also known as virtual worlds,the 3D Internet is a powerful new way for us to reach consumer business customers,co-workers,students. It combines the immediacy of television,the content of web and social networking sites. The success of 3D communities and mapping applications,combined with the falling costs of producing 3D environments.Advertisements in Microsoft's Virtual Earth 3D mapping application are placed as billboards and signs on top of buildings.

3D worlds also hold benefits in companies that specialize in interior design or furniture showrooms,where users want to view entire rooms from a variety of angles and perspectives. The company Google is preparing a new revolutionary product called GOOGLE GOGGLES,an interactive vision that will present Internet content in three dimensions.

The idea behind Reality is that when browsing the web in the old-n-busted 2D version you're undoubtedly using now,you can hit a button to magically tranform the site into a 3D environment that you can walk around in and virtually socialize with other users visiting the same site.

D.VARSHA
13016T0996

MICROSOFT SKYPE TRANSLATOR

Microsoft released a beta version of the real-time translator for Skype that works on windows 8.1 and windows 10. Languages have always been a communication barrier that many have tried to overcome. Microsoft is one of the companies that are searching for a convenient solution that would allow people who speak different languages to easily talk to each other. The IT giant has gotten one step closer to its goal by releasing a publicly available version of the Skype translator.

First advertised in March 2014, the Skype Translator is a tool that is supposed to provide real time translations for users who are communicating either via instant messaging or through Skype calls. Up to this point, a program that can translate not your voice in real time was something incredibly hard to imagine and implement, if not impossible, but from what i have seen, this tool can actually do the job. Currently, Skype translator only works on PC's running Windows 8.1 or the preview version of Windows 10.In this beta version, the part used for IM chatting supports over 40 languages , but voice communication translations are limited to English and Spanish.

SUGAM MODEM
12016T0911

CLOUD COMPUTING

Cloud computing is a business model that harnesses the web as the ultimate business platform. Cloud computing is impregnated with immense potential for array of practical application Cloud computing is the latest of computing paradigms. It promises to change the way people use computing resources. Using internet as the backbone, cloud computing asserts that it is possible to provide computing as a "utility" to end users "as and when needed" basis. Cloud computing has a potential to serve users of all kinds: individual users, institutions, industry at large. This report cover issues such nature and scope of cloud computing, its applications, business rationale etcs. The model is expected make computing needs available via web on retail basis and 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 to available them 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.

Cloud computing is a term used to describe both a platform and type of application. A cloud computing platform dynamically provisions, configures, reconfigures, and the provisions 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.

Cloud computing infrastructure allows enterprises to achieve more efficient use of their IT hardware and software investments. Cloud computing can increase profitability by improving resource utilization. Pooling resources into large clouds drives down costs and increases utilization by delivering resources only for as long as those resources are needed. Cloud computing allows individuals,

teams, and organizations to streamline procurement processes and eliminate the need to duplicate certain computer administrative skills related to setup, configuration, and support. IT allows enterprises to achieve more efficient use of their IT hardware and software investments. Cloud computing can increase profitability by improving resource utilization. Pooling resources into large clouds drives down costs and increases utilization by delivering resources only for as long as those resources are needed. Cloud computing allows individuals, teams, and organizations to streamline procurement processes and eliminate the need to duplicate certain computer administrative skills related to

M.SUS
13016

SOCIAL NETWORKING

A social networking service is an online service, platform, or site that focuses on facilitating the building of social networks or social relations among people who, for example, share interests, activities, backgrounds, or real-life connections. Most social network services are web-based and provide means for users to interact over the Internet, such as e-mail and instant messaging. Online community services are sometimes considered as a social network service, though in a broader sense, social network service usually means an individual-centered service whereas online community services are group-centered. Social networking sites allow users to share ideas, activities, events, and interests within their individual networks.

I personally think social networking has become a boon as well as a bane to the teenagers. I ask a kid who is 14 years old "how often do you email(texting)?" 250 times a day or something"he tells me Shocking! There are anti-social networking apps which can help parents to keep their kids away from social networking but how far can they restrict them? On the good side, social networking brings awareness among people. They get to know everything going on in every part of the world. Everything has a good side and a bad side, it completely depends on how we use it. If used efficiently, it can result in a positive way but if we use it carelessly it can consequently result in bad way. Social networking is a good thing but our minds have tried to make it a bad one. Well, I hope social networking becomes more useful to the kids as well as the elders in the future.

T.AVINASH
12016T0958

DATA MINING

Data mining has been always a sensitive and vast subject. To get the main concepts and terminologies, may be the first step would be to acquire a clear bird-eye view about the whole domain. Lets quickly start with a definition! As there are couple of hundreds of definitions for data mining, let's choose two of them. The first and classic one says that data mining is the nontrivial extraction of implicit, previously unknown and potentially useful information from data (by W.frawley). The second one, says that data mining is nothing else than torturing the data until it confesses, and if you torture it enough, you can get it to confess to anything(by Fred Menger). According to me, Data mining is a process used by companies to turn raw data into useful information by using softwares and it depends on effective data collection and warehousing as well as computer processing.

Data mining is widely used in diverse areas. Lets have a look at data mining applications.
- Financial Data analysis
- Retail Industry
- Telecommunication Industry
- Biological Data Analysis
- Other Scientific Applications

E. SHANTHI
12016T0930

Recent Events

Sri. Boinapally Vinod kumar garu. Member of Parliament, Karimnagar, Sri Capt. V Lakshmikantha Rao garu, Secretary & Correspondent, KITSW, Dr. K.Ashoka Reddy, Principal, KITSW, Prof. P.Niranjan Reddy, Head, Department of CSE and other dignitaries lighting the lamp of knowledge on the inaugural function of Technoplexus'14 organized by Department of CSE on 24th and 25th September 2014.

Sri. Boinapally Vinod kumar garu, Member of Parliament, Karimnagar, addressing the gathering on the inaugural function of Technoplexus'14 organized by Department of CSE on 24th and 25th September 2014.

Prof. P Niranjan Reddy, Head, Department of CSE addressing the audience on the inaugural function of Technoplexus'14 organized by Department of CSE on 24th and 25th September 2014.

Unveiling the souvenir of Technoplexus-14 by ORACLE Team with Prof.P. Niranjan Reddy(Head of CSE Dept.) , S.Nagaraju(Assoc. Prof.),V. Chandrasekar Rao(Assoc. Prof.)

Students participated in ORACLE Workshop on App Development Using JAVA

Students from various colleges gathered at Cultural Event of Technoplexus -14

Event

ORACLE 57 Oracle Database SQL & PL/SQL Certified Experts

Placed Students 27 TATA

T'14 24th & 25th September 2014

Registered Students 125 COMPUTER SOCIETY OF INDIA ESTD. 1965

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