LEAFLET

June –july

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ISSUE NO:1

A view to remember

Industrial Visit.

Department Vision:

To empower students of Computer Science and EngineeringDepartment to be technologically adept, innovative,global citizens possessing human values.

Department Mission:

To Encourage students to become self-motivated and problem solving individuals.

To prepare students for professional career with academic excellence and leadership skills.

To Empower the rural youth with computer education.

To Create Centre's of excellence in Computer Science and Engineering.

Editorial & Design Team:

Faculty:

Ms.Sunitha.P.

Students:

Mr.SaiVarsha.K-IV year,

Ms.Usha.V-IV year.

Assistive technology: refers to hardware and software designed to help people with disabilities. Some types of assistive technology provide physical assistance, while others provide helpful aids for individuals with learning disabilities.

Cybernetics:-

Cybernetics, control theory as it is applied to complex systems. Cybernetics is associated with models in which a monitor compares what is happening to a system at various sampling times with some standard of what should be happening, and a controller adjusts the system's behaviour accordingly.

Applications of cybernetics

Cybernetics was applied in different fields in different ways. Some of these fields include game theory, system theory (a mathematical counterpart to cybernetics), perceptual control theory, sociology, psychology (especially neuropsychology, behavioral psychology, cognitive psychology), philosophy, architecture, and organizational theory.

Jyothsna.B

IVth, C.S.E-B.

Dhanekula Institute of Engineering and Technology

Parents Meet:-

Parents Meet was held on 23rd,July.The purpose of this meet is to help the parents realize their respective roles in promoting integrated education and to discuss the progress of their children.

Guest Lecture From NRT:-

Guest lecture about the companies in NRT, Mangalagiri.

Where our students visited on their intrest.

DEPARTMENT ACTIVITIES:

Industrial Visit:-

Final year students have went for Industrail Visit to NRT,Mangalagiri.They visited Signum FiberX Company which is a based on BroadBrand Services.

PhyCARE is a **leading healthcare management companyspecializing in revenue cycle management solutions with a primary goal to optimize revenue and ensure compliance by bridging high-end technology.**

Students Achievements:

Nandini Durga.K

(89%)

Topper Of 3-2 2k18

Geetha.CH

(88%)

Topper of 3-2 2k18

M.Anusha

(8.3-CGPA)

Topper of 2-2 2k18

N.Sai Siri

(8.8-CGPA)

Topper of 2-2 2k18

M.Deeksha

(9.0-CGPA)

Topper of 1-2 2k18

P.Jahnavi

(9.0-CGPA)

Topper of 1-2 2k18

The boot sector:Is a dedicated section of a hard disk or other storage device that contains data used to boot a computer system. It includes the master boot record (MBR), which is accessed during the boot sequence.

Haswanth.A,IV th C.S.E-A

Google Cloud CDN:

The Cloud CDN content delivery network works with HTTP(S) loadbalancing to deliver content to your users. The HTTP(S) load balancing configuration specifies the frontend IP addresses and ports on which Cloud CDN receives requests and the backends that originate responses to those requests.

SriHarsha.A,IVth C.S.E-B.

Dhanekula Institute of Engineering and Technology

ARTIFICIAL INTELLIGENCE:-

In the real world, the knowledge has some unwelcomed properties -Its volume is huge, next to unimaginable. It is not well-organized or well-formatted. It keeps changing constantly. AI Technique is a manner to organize and use the knowledge efficiently in such a way that -It should be perceivable by the people who provide it. It should be easily modifiable to correct errors. It should be useful in many situations though it is incomplete or inaccurate.AI techniques elevate the speed of execution of the complex program it is equipped with (AI), sometimes called machine intelligence. It's intelligence demonstrated by machines, in contrast to the natural intelligence displayed by humans. In computer science AI research is defined as the study of "intelligent agents". Any device that perceives its environment and takes actions that maximize its chance of successfully achieving its goals.The term "Artificial intelligence" is applied when a machine mimics "cognitive" functions that humans associate with other human minds, such as "learning" and "problem solving".

Manasa.M, IVth C.S.E-A

3-D Printing:-

To anyone who hasn't seen it demonstrated, 3-D printing sounds futuristic—like the meals that materialized in the Jetsons' oven at the touch of a keypad. But the technology is quite straightforward: It is a small evolutionary step from spraying toner on paper to putting down layers of something more substantial (such as plastic resin) until the layers add up to an object. And yet, by enabling a machine to produce objects of any shape, on the spot and as needed, 3-D printing really is ushering in a new era.As applications of the technology expand and prices drop, the first big implication is that more goods will be manufactured at or close to their point of purchase or consumption. This might even mean household-level production of some things. (You'll pay for raw materials and the IP—the software files for any designs you can't find free on the web.) Short of that, many goods that have relied on the scale efficiencies of large, centralized plants will be produced locally.

Phalguni.S,IVth C.S.E-B

Bio Informatics:-

An unprecedented wealth of biological data has been generated by the human genome project and sequencing projects in other organisms. The huge demand for analysis and interpretation of these data is being managed by the evolving science of bioinformatics. Bioinformatics is defined as the application of tools of computation and analysis to the capture and interpretation of biological data. It is an interdisciplinary field, which harnesses computer science, mathematics, physics, and biology. Bioinformatics is essential for management of data in modern biology and medicine. The main tools of a bio information are computer software programs and the internet. A fundamental activity is sequence analysis of DNA and proteins using various programs and databases available on the world wide web. Anyone, from clinicians to molecular biologists, with access to the internet and relevant websites can now freely discover the composition of biological molecules such as nucleic acids and proteins by using basic bio informatic tools.

Prakurti.J, IVth C.S.E-B

Internet of Things:-

The Internet of Things, or IoT, refers to billions of physical devices around the world that are now connected to the internet, collecting and sharing data. Thanks to cheap processors and wireless networks, it's possible to turn anything, from a pill to an aeroplane, into part of the IoT. This adds a level of digital intelligence to devices that would be otherwise dumb, enabling them to communicate without a human being involved, and merging the digital and physical world The IoT promises to make our environment -- our homes and offices and vehicles -- smarter, more measurable, and chattier. Smart speakers like Amazon's Echo and Google Home make it easier to play music, set timers, or get information. Home security systems make it easier to monitor what's going on inside and outside, or to see and talk to visitors. IoT devices use a variety of methods to connect and share data: homes and offices will use standard wi-fi or Bluetooth Low Energy (or even Ethernet if they aren't especially mobile);

Sowmya.Ch, IVth C.S.E-B