

A Webopedia for Students That Assist Them for Schooling

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Abstract- College have elongated summative data tracking grades, presence, textbook purchases, test scores, etc. Actually a little has been done with this in series whether due to privacy issue or technical capacities — to enhance students' learning. Similarly creating a website that could initiate the help among students as concerned with their academics was my ever dream which i converted into a reality. My website that use HTML-based front ends benefit the use of a Web application in an organization which causes a paradigm shift, because it has the potential to significantly change an organization's work practices and procedures providing us with Notes as well as E-books for numerous courses. As a result, i need corporate commitment and appreciation to manage the shift that drive the development and strive towards the Future of this generation.

Link of this website:- <http://tmustudies.tk> .

A Study on Spatial Domain using Multi-Sensor Image Fusion

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Abstract- An image fusion is the perfect way to introduce the resultant image and getting from general or other modalities type of image. Infrared and visible image fusion are those images where key problem in the field of multi-sensor image fusion. In between mostly researchers focused to used multi-sensor technique using transform domain but our study is to find the pattern of spatial domain using multi-sensor image fusion. Spatial domain operates using various pixel pattern and provides fusion methods like intensity hue saturation, brovey method etc. Future another can easily access the detail of spatial domain image fusion and further can extend the overall structure of it and further next target is all about to calculate the efficiency with different metrics. Major technical constraints i.e. minimum data level storage at satellite platform in space, less bandwidth for communication with earth station, etc. limits the satellite sensors from capturing images with high spatial and high spectral resolutions simultaneously. To overcome this limitation, image fusion has proved to be a potential tool in remote sensing applications which integrates the information from combinations of panchromatic, multispectral or hyper spectral images; intended to result in a composite image having both higher spatial and higher spectral resolutions. The research in this area cites date back to last few decades, but the diverse approaches proposed so far by different researchers have been rarely discussed at one place. In This paper, it is an honest effort to collectively discuss all possible algorithms along with quality metrics following two assessment procedures i.e. at full and reduced

ICAC-1904109

Reactivation of the Narmada – Son Lineaments Around Barman, Distt. Narsinghpur, Central India, M.P.

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Abstract- The recent Neo tectonic activities has been observe along the Narmada valley near Barman Village, in the Distt. Narsinghpur, Central India.. The holly river is originating from the Amarkantak plateau, flowing towards the north, then west and ultimately towards the west direction. To join the Arabian sea. This river is flowing in the Deccan Trap basalt rocks right from the Amarkantak up to Jabalpur, and then it enters in to rocks of Mahakaushal Super Group, and traveling in this terrrain and forming the paired and unpaired terraces and a beautiful water fall at Dhuandhar near Bheraghatin Jabalpur Distt.The Narmada – Son line separates the Vindhyan Super Group with rocks of Mahakaushal Super Group, intersect almost the whole of Peninsular Shield from ENE to WSW, by it's straight trend, great length and size of topographic effect forming a Rift Valley. This N-S Lineament lie almost in a straight Rift valley and even more interesting is remarkable manner in which the different geological boundaries coincide with line, i.e. in the North (NNE) escarpment of Vindhyan Super Group and within Rift Valley , characterized by the rocks of Mahakaushal Super Group and in the south Narmada-Son Rift is directly touches the rocks of Satpura Super Group exposed at Tilware ghat in Jabalpur. North of N-S Lineament , no rocks of Gondwana Super Group are found and in the south of it no Vindhyan rocks (Proterozoic) are evident. To the north , the Deccan lava flows are spread over upto Sagar Distt. Along the Narmada Valley at Lameta ghat the Lameta beds (middle cretaceous) were disposed in the border of the south Narmada-Son fault. The river Narmada has mjr tributaries- hiron,Tawa, sidhora, Tendon. The total catchments isd about 98796 Sqkms,. This river is flowing on the Deccan Trap Basalts , and Archean formation, Infratrappean, interetrappean , Lameta rocks and some places through the Gondwana rocks and alluvium. This river has followed a structurally weakzone, so called Narmada- Son Lineament and given rise to the structurally drainage patter in the area. Being the catchment rae falls on the northern most end of the peninsula, so called the stable shield area, which is bordered by the Narmada – Son lineament. The seismic record of the earthquakes in this region has shaken these area, by theMay22, 1997 Jabalpur Earthquake of 6.5 on the richter scale, has proved that this area is not a stable landmass. The seismic record of the peninsular India for the past 20 years has put a very big question mark on the stability of the various part in the Narmada river valley. The experience of the more tremors in Balaghat, Khandawa, lattur earthquakes and a continuous minor tremor in Mandala, Seoni, Lakhnadoun and Narsighpur and in Chhindawara areas has proven that this area is not safe for the future planning for the harnessing the hydroelectric power generation and for the construction of large reservoir/ dam on the Narmada river valley.Attempt has been made to correlate the seismo-tectonic activity with the structural/ tectonic setup of the area on the stability of the various river valley projects on the river Narmada.

ICAC-1904110

Review on different applications of data science

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Abstract-Data science is about to finding and exploring data in real world problem. And then using the knowledge of data science to solve the business related problem. There are many applications of data science are available, like AI, cloud computing, Big data, Parallel computing, Machine Learning etc. Today's data science is mostly used for applying real time based problem. like food service planning where restaurant can predict how many customers will visit on a weekend & plan their food inventory to handle the demand. Our main objective of this paper is to review of data science and its applications.

An Optimum Method for Waiting Time Distribution: M/D/C

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Abstract- A probabilistic investigation determines the ideal and unequivocal articulation for the holding up time conveyance of the M/D/C lining framework. In this paper, the strategy for numerical difficulties isn't required for high traffic intensities. By fulfilling Erlang's fundamental condition for the M/D/C line, the outcomes can be demonstrated unequivocal. Basic recipe for the holding up time conveyance driving by an option probabilistic approach, which is numerically steady for all $\rho < 1$. With the aiding of holding up time appropriation and Erlang's indispensable condition, we demonstrated a few outcomes for M/D/C dispersion at the base of quality of clients, size of the line.

Blue Brain

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Abstract- The human brain is the most precious of God's creatures. Men are called intelligent by its brain of the we are create today because we will can think any other animals can not do it but we will loss the knowledge of the brain when its body destroy after the death. this knowledge can be used for social human development. What if the make a brain and store the content is the brain in it.

Science are now study to create artificial brain that can be think, its make decisions, and save everything in the memory. The main purpose is to get its human brain into the machine Blue brain in the first name of the brain in the world This means a machine that can function as a human brain.

For anyone to think, make a decision effortlessly. After the body's death, the virtual brain acts as a person. So even after death, we will not lose consciousness, reason, personality, emotion and memory of this person that can be used to develop. It's complicated from any chain in the world. the society of human can be the complex of the human brain

A Green Computing

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Abstract— During recent years, attention in ‘Green Computing has moved research into energy-saving techniques for home computers to enterprise systems’ Client and Server machines. Saving energy or reduction of carbon footprints is one of the aspects of Green Computing. The research in the direction of Green Computing is more than just saving energy and reducing carbon foot prints. This study provides a brief account of Green Computing. The emphasis of this study is on current trends in Green Computing; challenges in the field of Green Computing and the future trends of Green Computing

Human Microchip Implantation

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Abstract- Microchip implantation as an authenticating technology, also covers authorization and access control, is gaining more concerns nowadays. Microchip implantation is not new to humans. Applying a heart pacemaker for the prosthesis is now considered a direct process. Microchips are being kept in prostate knees and hips during the restive procedures, which can later help in assisting operative analytics which can help in rehabilitation. While medical innovations using microchips in the past decade, we have begun to see the potential use of microchip transplantation for non-medical devices in human for control, convenience and care applications. Most of these emerging applications displayed in many cases studies have used passive radio frequency identification (RFID) tags or embedded transponders in the hands of trisés, cell, wrist or implants.

The RFID transponders store a unique identifier that is turned on when the device comes into the range of reader. In this paper we will see how the RFID technology is implanting in Human body, it’s working, advantages and disadvantages and how it is affecting the human life.

Artificial Intelligence vs. Human Mind: Survey & Predictions^a Shiv Sagar, Mr. Karan Autar Gupta,^b Mr. Deepak Kumar,^c Mr. Vineet Saxena College of Computing Science and IT, Teerthanker Mahaveer University, Moradabad, India

Abstract- Research & Development in Artificial intelligence is growing day by day on a very large scale. Artificial Neural Network is a process of representation human mind that try to simulate its learning process. This paper shows the surveys on artificial intelligence that 1. What is Artificial Intelligence? 2. Comparison between human mind and Artificial intelligence. 3. How beneficial it can in long run or can also bring destruction in Human workforce.

Machine Learning

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Abstract- As it is already cleared that now a days machine learning is an useful learning for many systems. Many systems are using different types of machine learning in there different areas according to their need and uses. In this introduction about machine learning is given and its functionality is defined in which it processed the data to obtain the required output. In introduction there are different types of machine learning and basic introduction about these types are provided so it introduce basic functionality of its types. Currently there are many applications of machine learning and some of them are also mentioned below. Some basic useful application are mentioned in this paper which are generally applied in real world.

Blockchain Technology

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Abstract- The main aim of Paper is to provide a brief summary of Current scenario of Blockchain technology in the information technology. This paper will provide a reference of technological aspects and working principal of blockchain technology. In today's world blockchain has already become an emerging technology and a lot of researches and revolution has just began regarding this blockchain technology. Although, the most popular Cryptocurrency since it has been invented is Bitcoin also, it is the best example of blockchain technology. Since, it was invented there are other cryptocurrency too like Ethereum, Monero, Litecoin, Dogecoin etc. Which are using this technology In this paper we will be discussing about the research and experiments being done on this blockchain technology .The paper also gives a short introduction of various analysis of blockchain use case.it will help us to understand necessary aspects of developing blockchain technology..

Security Issues in Internet of Things - A Review

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Abstract- IoT, Internet of Thing is a network of different physical devices connected to the internet. These devices includes various transducers such as sensors, actuators and many more such devices which enables the communication between these devices. Security at each level is a major concern in communication from transducers devices to applications. In this paper, I have reviewed various security challenges in IoT and also proposed their possible solutions.

Role of Animated and Interactive Contents in KIDS Teaching

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Abstract— A picture is worth a thousand words. Multimedia teaching materials have been widely adopted by teachers in Physics, Biotechnology, Psychology, Religion, Analytical Science, and Economics nowadays. To assist with engaging students in their economic study, increase learning efficiency and understanding, solve misconception problems, encourage in class discussion, and increase final performance for students. Some animations and cartoons are developed to explain basic concept and theories for the students at beginning level as well as advanced level.

Utilization of these resources can improve learning efficiency, help students in their understanding and long-term memory of the subject, engage students in their studies, and increase interest in undertaking

The results of this study could be used in any subject, as well as for self-study by Economics students and others. As part of the Teaching and Learning Project, these materials are capable of being further used in mobile applications to assist in engaging students in their learning.

Barcode Technology

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Abstract-A barcode is a machine-readable strip of data printed in parallel lines, used to represent a multitude of information. Traditionally, a barcode scanner is used by retailers to keep track of inventory and speed up data entry. Due to their Heavy commercial and industrial sector usage, barcode scanning applications have been producer-centric, focusing on improving the efficiency, accuracy, and productivity of supply management

Basics of Cryptography

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Abstract- We are living in 21st century, the era of digital world. For our every work we are dependent on digital system either it be for storing data or for communication around the other part of the world. This digital system has made our work so easy that we even don't need to meet a person to purchase something or to do a business locally or internationally.

Therefore we need to secure our information so that our privacy be maintained. There is cyber crime taking place at a regular interval everywhere on the web. The motive of these attacks may be to blackmail or to damage the organization.

The major issues at this time are to maintain confidentiality, integrity, authentication and non-repudiation. This paper deals with the confidentiality of electronic data which is transmitted over the internet. Cryptography involves conversion of electronic data/plain text into cipher text (encryption) and then sends it to the receiver where the cipher text again is converted to plain text (decryption). Here we will be using different methods of cryptography like HASHING, SYMMETRIC, ASYMMETRIC and KEY EXCHANGE ALGORITHM in order to provide security to our data.

Review on Smart Card Technology

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Abstract-- A smart card is basically a plastic card with a chip. Smart card have chip instead of magnetic strip and they are used like Debit card, Credit card, identity card and many more. Smart cards are very much used in the last few years. We present only business case in this paper. We present the use of subscriber identity modules (SIM) in the marketing and network operations of wireless communication operators. In this business case we focused on Sim card's marketing, technical and financial benefits. In this paper we discuss how smart card is useful and we discuss how smart card is important. With the help of smart card what we can do and what we can't do. The smart card is a small size type of card then we can easily access and put this own pocket, purse or anywhere where we comfortable.

A Study on Augmented Reality, its Applications and Challenges

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Abstract- This is a review paper on Augmented Reality which is an emerging technology. Augmented Reality enables a user to view additional information on top of real world view. In this paper, we will learn about the working of an AR system. It includes the application areas of this technology followed by some of the major challenges which are faced by AR. This paper will also throw light on the advantages and disadvantages of Augmented Reality technology. Finally the future scope of AR is discussed.

Robust Cruise Controlling & Crash Evasion System

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Abstract- This research paper represents Robust Cruise Control (RCC) and Crash Evasion (CE) device for wagon self-driving. The mechanism arrangement is intended to increase drivers luxury coziness throughout number of driving circumstances and to entirely evade collide crash evasion by simple decelerating and lane alteration movement. In demand to generate such an use, the anticipated device contains of an end long device policy for multi-vehicle RCC with simple decelerating, a cross device policy for lane alteration, and a conclusion unit for assimilation of two policies. The end long device policy was used to accomplish coziness performance of subject wagon in usual driving circumstances and to accomplish safe performance in sever-braking circumstances. The adjacent device policy is used to produce a route for lane alteration and track the produced route in imperative to evade crash.

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An analysis of the technical differences between Intel Core i9 and AMD Ryzen Threadripper 3990WX

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Abstract— This paper discusses briefly on the technical differences between the two leading microprocessors from Intel and AMD, highlighting their properties and usage. The paper also provides basic knowledge on microprocessors

ICAC-1904129

Addiction Due to Inventions of Information Technology (Focusing Websites and Gaming)

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Abstract— Using colors in websites and application is definitely a very crucial part. The purpose of this paper is to understand how these companies are making profit by creating addiction with these colors and other brain hacking techniques and to know what actually the most successful companies like Facebook, Pinterest and many more are doing. Companies are using these techniques of which normal people don't even aware about and the effects of using them for longer time. This paper gives an overview of all the color with their terminologies also it briefs about the problem with addiction due to these colors. Furthermore, some real-life examples have been discussed when addiction have become a disease-causing health issue which is a matter of concern and WHO has recognized and added addiction in mental disorder category. Further we will also give some recommendation as a solution for the problem of the addiction which can be implemented in websites and gaming apps.

Humanoid Robots

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Abstract- Humanoid made up of two words human+anthropoid which implies appearance like human body. This paper exhibits the timetable of humanoid robots isolated into three perspectives, for example, its past, its present and its conceivable future. This paper comprises of the advancement in the field of humanoid robots and the its design. This paper is also containing information about the Evolution in life of Humanoid Robots from last couple of years. This paper is also having the body architecture of humanoid robot in which we are going to know about some aspects like Facial expressive robot head, robot hand, robot locomotion, and its behaviour. After this Robotalk architecture is presented. At the finish of the paper the disadvantages and advantages is presented lastly this paper comprise a few utilizations of humanoid robots in the current and the coming period.

Eliot's Concept of Life in the Waste Land

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Abstract- Literature is the reflection of human life and society. It has been continued right from the time of Chaucer to the present day. A good number of poets, dramatists, novelists and writers of other genre of literature have focused it more or less in all ages. T.S Eliot is one of the eminent personalities amongst them. He is not only a poet but also a critic and philosopher. He has portrayed the picture of human life and society in his poems. The Waste Land is the most relevant work of Eliot revealing the psychoanalysis of man in the present century. The poet has followed the mythical method in composing this poem. Thus, he shows comparison and contrast of values by citing the instances of the past and the present. He has taken allusions from the whole world and tried to present a panoramic view of the humanity fret in fever of the world and are burning in the fire of lust, greed and infatuation. Ultimately, he has tried to give solution through spiritual elevation suggested in The Gita, The Upanishad and other theologies.

Cyber Security

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Abstract—Voice recognition evaluates the voice biometrics of an individual. Wavelets can be combined, using a ‘reverse, shift, multiply and integrate’ technique called convolution, with portions of a known signal to extract information from the unknown signal. Voice signal is filtered through adaptive wavelet selection (Haar wavelet transforms) and Approximations for level 1, 2, 3, 4 & 5 are find out. The biometrics of voice is analyzed in terms of Norm, Norm, and correlation parameter.

Mind Reading Computer

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Abstract— Mind Reading refers to the observation and analysis of human mental condition such as getting to know how a person is feeling. For instance, it can be done by analysing the facial expressions of a person through an image using a pre-existing API or a suitable algorithm. A smile for example can be a sign for happy emotion. This enables a computer to understand someone’s mental state and may be respond accordingly thereby making it a smart machine[2]. This Project focuses on the ways through which a machine can understand and respond to one’s mental state. We’ll discuss some methods for the same including FEA (Facial Expression Analysis), futuristic headband also called as functional near-infrared spectroscopy (FNIRS), Galvanic Skin Response technique, Blood Volume Pulse technique [4]. We’ll also cover a wide range of applications to these mind reading techniques in the subsequent paragraphs along with the advantages of using it.

A Review paper on Smart Contracts in Blockchain Network based applications

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Abstract— This paper gives the review on latest and detailed application of smart contracts and its uses on various areas like Distributed Energy Transaction Mechanism, Micro services System, System for Secure Electric Vehicles Charging in Smart Community, Discovery Process of Stock Value Information in stock market, it further categorized the challenges faced in Smart contract implementation for blockchain network.

Security Manuscripts and Eresources Utilities Application In Library

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Abstract— The paper focuses on the various aspects of manuscripts – Resources. Digital technology has made it more easy utilities in library speedy and comfortable to apply the stored intellect. This collected information through the ages has to used for further research, betterment and overall development of the society Electronic resources are easily accessible in remote areas. Electronic resources solve storage problems and control the flood of information. Print sources are being digitized.

ICAC-1904137

Artificial Intelligence in Home Automation

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Abstract- Artificial Intelligence is a technology that is already impacting how users interact with, and are affected by the Internet. In the near future, its impact is likely to only continue to grow. AI is a rapidly advancing technology, made possible by the internet that may soon have significant impacts on our everyday lives. AI traditionally refers to an artificial creation of human-like intelligence that can learn, reason, plan, perceive, or process natural language. These traits allow AI to bring immense socioeconomic opportunities, while also posing ethical and socio-economic challenges. As AI is an internet enabled technology, the internet society recognizes that understanding the opportunities and challenges associated with AI is critical to developing an internet that people can trust.

ICAC-1904138

Phishing Attack

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Abstract- The Internet has a remarkable platform for common people Communication .persons with criminal mind have found a way of stealing Personal Information without actually meeting then with the least Risk Of being caught. It is called phishing. poses a threat to the e- commerce industry. Not only does it shatter the confidence of electronic services example is “we need you to confirm your account Customers towards e-commerce, but also causes Providers tremendous we must shut your account approach down phishing .This paper gives About awareness about phishing attack and anti- phishing tools .

ICAC-1904139

E-commerce & Network Security Attack

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Abstract— Today's As we know Web based business Security is a piece of the Information Security structure and is particularly connected to the segments that influence web based business that incorporate Computer Security, Data security and other more extensive domains of the Information Security system. Internet business security has its own specific subtleties and is one of the most astounding obvious security parts that influence the end client through their day by day instalment connection with business. Data security, thusly, is a fundamental administration and specialized necessity for any proficient and powerful Payment exchange exercises over the web. Still, its definition is an intricate Endeavour because of the consistent mechanical and business change and requires a planned match of calculation and specialized arrangements. In this paper we talked about with Overview of E-business security, Understand the Online Shopping Steps to put in a request, Purpose of Security in E-trade, Different security issues in E-business, Secure web based shopping rules.

ICAC-1904140

Gesture Recognition Technology: A Exhaustive Review of it's Application and Futures Likelihood

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Abstract— In computer science and language technology Gesture Recognition is explain human gestures with the help of mathematical algorithms. Gestures can recognise through body motion or state but often recognise through facial expression or hand movement. Some approaches use cameras vision algorithms and computer to explained sign language. Gesture recognition technology is a technique to understand human body language and it is a path between the machines and humans.

ICAC-1904141

IP Spoofing

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Abstract— This paper includes IP Spoofing which refers to Creation of Internet Protocol (IP) packets with a Forged source IP address called spoofing, with the Purpose of concealing the identity of sender or Impersonating another computer system. In computer networking, the term IP address spoofing or IP spoofing refers to the creation of Internet Protocol (IP) packets with a forged source IP address, called spoofing, with the purpose of concealing the identity of the sender or impersonating another computing system. On January 22, 1995, in an article entitled, —New form of attack on computers linked to Internet is uncovered, John Mark off of the New York Times reported on the TCP/IP protocol suite's security weakness known as IP spoofing.

ICAC-1904142

LIE DETECTION USING MACHINE LEARNING

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Abstract— Detecting lies is important in many areas, such as police investigation, airport security etc. There are many technologies to detect lies.

Through this paper we are going to describe how investigation related to lies can be easily detected using machine learning. Lie detection also called deception. Detection uses questioning techniques to ascertain truth and falsehood in response which can be used by police at the time of investigation. In this paper, features of speech and physical values are used to make sure about truth and lie using artificial intelligence. The system can detect changes in the eyes, voice, gestures and postures. Basically we want a system with the help of which we can easily identify the lie of the person using different methods.

ICAC-1904143

Data Mining: A Study on Privacy Concern and Ethics

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Abstract- Data mining is commonly used to analyze the pattern using database that hard to analyze manually. As the amount of specified private data are intermittently gathered and examine by software utilizing data-mining, sharing of these records are valuable to application clients. The Main Objective of this Paper to introduce about the challenges is face during preserving privacy of data and ethics about them.

ICAC-1904144

Biometric System and its trends for today's era for Uniquely Identifying, Authentication and authoroziation

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Abstract- A biometric system is a recent technological system that looks for metadata about a person (or other biological organism) to identify that person uniquely. Biometric systems rely on precise data about inimitable natal character in command to labour efficiently. A biometric scheme will engage consecutively data during algorithms for a meticulous outcome, regularly connected to a activist recognition of a consumer or other human being. The exact nature of today's biometric systems is linked with a precise use of the term "biometrics." In broad, biometrics is a few use of biological data in technology. Biometric systems focusing totally on the recognition of humans have become the major kind of biometric system in today's IT world.

ICAC-1904145

Cyber Security

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Abstract— Cyber security, also referred to as information technology security, focuses on protecting computers, networks, programs and data from unintended or unauthorized access, change or destruction. The state of being protected against the criminal or unauthorized use of electronic data, or the measures taken to achieve this.

ICAC-1904146

Insight into Border Gateway Protocol

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Abstract- BGP (Border Gateway Protocol) will be convention that oversees how parcels are directed over the web through the trading of steering and reachability data between edge switches. The BGP is coordinates parcels between self-ruling frameworks (AS) – systems which is overseen by a solitary undertaking or specialist co-op. Traffic that is steered over inside a solitary system AS is alluded to as interior BGP, or iBGP. All the more frequently, BGP is utilized to interface one AS to different self-ruling frameworks, and it is then alluded to as an outer BGP, or eBGP.

ICAC-1904147

Wi-Fi standard 802.11ax and their impact on Education

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Abstract— A new technology comes along, and it promises to be the new big things.” One technology that does promise to live up to the hype is **802.11ax, the next standard for wireless LANs**. Before, 802.11ax we use Wi-Fi standard 802.11ac. Before We go any further, it’s good to tell about the **Wi-Fi Alliance has issued new names for 802.11ac and 802.11ax** that are intended to make it simpler for the average person to understand which specification is being talked about. The alliance calls **802.11ac Wi-Fi 5 and calls 802.11ax Wi-Fi 6**.

ICAC-1904148

An Overview on Artificial Intelligence and its Applications

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Abstract- This is a complete study of how AI actually works in different sectors and how it is reducing the efforts of the people and giving them a healthy lives and reducing the mortality rate at a very rapid speed so that people are living luxurious and healthy lives. Also it is telling about how it will work in future

A Comparative Study on Computer Architecture

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Abstract— Modern results in parallel computing validate that highly parallel, general-purpose shared memory computers can be built in principle. The architectural development tracks follow no simple predictable path. Current computer architecture research continues to have a preconceived notion for the past in that it focuses on desktop and server applications. In our view, a different computing domain personal mobile computing will play a significant role in dynamic technology in the next decade. This domain will create a different set of requirements for microprocessors and could redirect the prominence of computer architecture research. This paper gives a brief overview and comparative study about some architecture that has been recently emerged.

Big Data in Health Care

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Abstract- There are very positive and life-saving results in the application of large data analytics in healthcare. Big data refers to the large number of information created by digitization of all those things, which are consolidated and analyzed by specific technologies. Applying on health care, it will use specific health data (or a particular person) of the population and will likely help in preventing epidemic, fixing the disease, cutting costs etc..

An Overview on Effect of Cell Phone Radiation on Human Health

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Abstract— Cell phones are like the integral part of our daily life. The huge amount of time people spend on their cell phone has also risk. When people had a working cell phone held up to their ear for approx 50 min , the brain tissues of the same side had heavy amount of glucose is used then the opposite side of glucose started served to the brain fuel that harm the brain, then person suffering from cancer . The model of different type of cell phone (redmi,vivo,honor,nokia,apple,etc) used different amount of energy. In (WHO) World health organization is presently carrying formal risk assessment of all studied outcomes from the radiation.

Radiation of Network Range on Nature

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Abstract- An increase in the use of cellular phones has increased the disturbance about the possible interaction between electro-magnetic field (emf) radiation and human, especially biological effects on the brain and human immune system. These concerns led a large number of research studies. At any given time, most of the old review studios focus on negative effects and do not do any public work keeping in view all possible impact due to the use of cell phones. Our findings show that in the long term risk of such as brain cancer. Coming in contact with emf radiation, some positive health effects such as improvement in bone therapy and the toxic effects of chemotherapy are reduced.

Wi-vi Technology-a Review

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Abstract- Wi-Fi is a popular technology, which allows an electronic device to connect with the internet wireless using radio waves. Wi-Fi signals are nothing, but the information carriers between transmitter and receiver. Wireless Vision (Wi-Vi) is a new technology similar to the same concept of Wi-Fi which enables through walls with the help of Wi-Fi signals. Wi-Vi allows us to track moving humans through wall as well as behind closed doors. Wi-Vi's operation does not require to access any device on the other side of the wall. Wi-Fi can enable us to see moving objects through walls and behind closed doors. So particularly, we can use such type of signals to identify the number of people in a closed room and their relative locations also.

Wireless Networks and Mobile Computing

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Abstract - "MOBILE COMPUTING" and "COMMUNICATION" is a major part of wireless communication technology. Mobile computing simply means computing done by the periodic connected users who have access to use network resources. It needs a wireless mediator such as cellular radio, radio nets or low orbit (Earth-centered orbits with an altitude of 2000kms or less and with at least 11.25 periods/day) satellites. It incorporates wireless adapters which uses wireless technology to connect portable computers or PC's with cabled network.

In this paper we are going to describe Mobility Services Architecture which supports application by an intermedior root. It enlarges the uses of computers but demand challenges also which leads to shrink of mobile computing and generating wireless networks.

The paper expresses about the strategy, and drawbacks in wireless industry, and how J2SE is used in this technology and including advantages and disadvantages of this technology and its future.

ICAC-1904155

Yarn Architecture

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Abstract - Yarn (Yet Another Resource Negotiator) it is a system which use distributing operating for big data application. This technology designed for the cluster management. Now a day's data is generating with very fast rate of speed day by day it is increasing just like a tree and it's branches. To handle this huge amount of data the technology Hadoop efficiently deal with this big data. Hadoop it is a technology in which Huge Amount of data processed with the help of Hadoop Version 1.0.

ICAC-1904156

ETHICAL HACKING

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Abstract— In the Reserach paper it describes about the ethical hackers skills, and the way they help to the customers for identifying the security hole .Multinational companies are worried about the ethical hacker from hacking the personal information.

A Critical Analysis of SOA Applications Using Soft-Computing Techniques

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Abstract- Service Oriented Architecture based application development is supposed to be easier as compare to those traditional software development methodologies, but the end product become much complex due to its service oriented nature. In this literature review distinct approaches for SOABA effort estimation are presented.

ICAC-1904147

A Note on Routing Methods to Determine the Shortest Path in Transport Networks

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Abstract- The routing of vehicles in complex urban or regional systems is a task that needs to be solved in numerous transportation-oriented applications. The objectives of the presented research are to examine existing routing algorithms used for finding the shortest path between the nodes in transport networks and to analyses the implementation possibilities and efficiency of routing algorithms in web-based geographical information systems. This paper describes the process and approaches used for routing algorithm analysis emphasizing transportation planning in interactive web-based planning, analysis and simulation solutions

An introduction of android technology

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Abstract— Android operating System make the user easier to interact with real object. It makes the user more friendly while working with smart Phones because of customization. Mainly, people all over the world uses android operating system than IOS operating system.

ICAC-1904160

Ethical Hacking

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Abstract— The explosive growth of the Internet has brought many good things such as E-commerce banking, E-mail, Cloud Computing, but there is also a Dark side such as Hacking, Backdoors etc. Hacking is the first big problem faced by Governments, companies, and private citizens around the world, Hacking includes reading others e-mail, steal their credit card number from an on-line shopping site, secretly transmitting secrets to the open Internet. An Ethical Hacker can help the people who are suffered by this Hackings. This Paper Describes about Ethical Hackers, Their Skills, Their Attitudes, and How They Go About Helping Their Customers Find and Plug up Security Holes.

A Comparative study on Tools for Ethical hacking

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Abstract- Ethical Hacking so often called as dissemination Testing is an act of intruding/penetrating into system or networks to find out threats, vulnerabilities in those systems which a malicious attacker may find and exploit causing loss of data, financial loss or other major damages. The purpose of ethical hacking is to improve the security of the network or systems by fixing the vulnerabilities found during testing. Ethical hackers may use the same methods and tools used by the malicious hackers but with the permission of the authorized person for the purpose of improving the security and defending the systems from attacks by malicious users.

ICAC-1904164

Human Resource Information System: Proposing a Maturity Modela

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Abstract-- The study explores how the use of human resource information in organizations can be optimized. An extensive literature review was conducted to explore how human resource information is used and managed in organizations. The study is qualitative in nature and employed semi-structured interviews. Interviews with 12 human resource practitioners and human capital consultants were analyzed to understand the challenges they experience in managing human resource information. Findings of the study reveal that while organizations expect their human resource information systems to deliver high-level information regarding their people, the approach of organizations to human resource information and the systems used to manage such information may be unstructured. It was also observed that organizations cannot use human resource information at certain complex levels without mastering fundamental level(s). Based on the findings, a four-stage maturity model for the management of human resource information is proposed. The maturity model, when implemented, has the potential to provide organizations with a structured approach to managing and using human resource information, in a manner which will contribute to the optimal use of human resource information systems.

Cyber Security

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Abstract— As more business activities are being automated and an increasing number of computers are being used to store sensitive information, the need for secure computer systems becomes more apparent. This need is even more apparent as systems and applications are being distributed and accessed via an insecure network, such as the Internet. The Internet itself has become critical for governments, companies, financial institutions, and millions of everyday users. Networks of computers support a multitude of activities whose loss would all but cripple these organizations. As a consequence, cybersecurity issues have become national security issues. Protecting the Internet is a difficult task. Cybersecurity can be obtained only through systematic development; and techniques for countering the threats. Approaches it cannot be achieved through haphazard seat-of-the-pants methods. Applying software engineering techniques to the problem is a step in the right direction. However, software engineers need to be aware of the risks and security issues associated with the design, development, and deployment of network-based software

The Time Machine

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Abstract— This paper is an enquiry about the time travel. In this paper, we discussed about the time, the space and the relationship between them. Some theories are also discussed like theory of relativity and so on. Through the some real accident I try to explain or understand the accident which is happen due to time travel or we can say that by any experiment. Also explain about the fourth dimension in which time is travel at speed of 3lakh km per hour.

An Awareness towards “Phishing” Attack & its Counter-Measures

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Abstract— Phishing is a method used by cyber criminals to acquire personal information such as passwords, debit or credit card details from net users. It is a general term used for creation and use of forged emails or websites that look amazingly real, designed to deceive users into revealing their personal information. Phishing is the commonest way used for fraud scams. Phishers use a variety of sophisticated skills to fool their victims. Even after so many years of phishing attacks and their publicity, they are still profitable to phishers. Phishing causes both an instant or short-term losses to victims and long-lasting damage to target organizations. Estimated losses from phishing are in billions of dollars all over the world, and that amount is growing as the phishing attacks are evolving. This paper covers the various techniques used by phishers and also the countermeasures against these attacks. By using this information, organizations and customers may aware about these kind of attacks or they might successfully defend many of the popular phishing attacks.

Robotics Using Artificial Intelligence

Sanyam Jain, Garbhit Jain , Tanishka Jain Ritu Sharma,Dr. Arpit Jain

^a College of Computing Science and IT, Teerthanker Mahaveer University, Moradabad

Abstract— In this paper we are presenting about robotics using artificial intelligence. We are going to discuss on the topics artificial intelligence, robots, robotics and its applications and difference between robot system and other AI programs. Further we will explain the body and brain parts of a robot in essence robot locomotion and AI neural networks.

Security Challenges in Wireless Sensor Network

Navin Kumar Agrawal, Dr. Arpit Jain , Pramod Vishwakarma

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Abstract— Wireless Sensor Networks are formed by exploiting a big amount of sensor nodes in a field for the surveillance of normally remote locations. A sensor node is made by many elements used to doing such operations like sensing, processing and transmitting data. Due to a few restrictions in security in Wireless sensor network security is a critical problem for users to use wireless sensor networks. The expansion of wireless sensor networks technology also incurs different types of security cheats for users. The first requirement of a user to use an application is that the application must be secured. Facilitating security to the remote sensor network is very competitive issue with make its functioning like this that it consumes less energy. The purpose of this paper is to elaborate the security based issues and problems faced by users in security of Wireless Sensor Network.

A review on Prior Theories that enables learning in Machine Learning

Ashish Bishnoi

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Abstract— Learning is a buzzword for human civilizations from ancient times. It affects the way human's lives, grows, educate themselves and made improvements in their life styles. The most fascinating task that human dream from ancient times for having machines that had thinking and learning capability like him. With invention of computers in middle of 19th century gives wings to this thought. New domains of Artificial Intelligence and Machine Learning emerged under the umbrella of computer science with focus on designing systems that have the ability to learn. Researchers from domains of mathematics, psychology, linguistics, philosophy and computer science contributes together to design algorithms using formalism for not only representation of knowledge but also for manipulation of the same. This paper provides a review on different theories that enables learning in system's based on Machine Learning. Generally it is observed that Machine Learning means learning from large number of examples focusing on introducing some hypothesis or model. Besides this other learning algorithms exists and introduced in different order. Theories or learning algorithms reviewed are commonly used as aid for learning from different sources in AI systems using somewhat similar or altogether different concepts.

To Set up IR Sensor Using Arduino

Anuj Mourya

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Abstract— to establish a strong connection between ir sensor and arduino.

Infrared (IR) communication is a widely used and easy to implement wireless technology that has many useful applications. The most prominent examples in day to day life are TV/video remote controls, motion sensors, and infrared thermometers.

In order to complete the prospective we may perform certain steps that is discussed below

A Black-Box Methodology for Probing Business Logic Vulnerabilities in Modern Day Web Applications

Adebanjo A Falade, Neeraj Kumari

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Abstract— In a web application, there are three vital security properties that should be reviewed; input validation, state integrity and logic correctness. The failure of web applications in passing these reviews is the main cause of vulnerabilities and successful exploitation.

ICAC-1904180

The Review of iTwin Technology

Abhishek Sharma, Akshay Jafri , Dr. Arpit Jain

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Abstract— iTwin is an endless secure USB device that enables users to access, edit and share all their files and media between any two online computers anywhere in the world. The only limit is the size of computer's hard drive. iTwin is an excellent solution that allows bi-directional file access without the security and privacy risks of the cloud and USB flash drives. iTwin uses well evaluated crypto protocols and algorithms. It has features like no temp files, remote disable and password support and twin trust authentication.

ICAC-1904181

DNA as Future Data Storage

Adish Jain, Pradeep Kumar Gupta

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Abstract— Data is Raw information and on analysis it bring us to a conclusion. In present scenario we are creating huge data each and every moment. Present time is also refer as era of Computing and computers are extensively used in all aspects of life. This involvement of Computers in our life we are creating Data in Digital format unlike documental in previous time. Storage of this Digital data is becoming a crucial issue nowadays. We have witnessed a big leap in technology for data storage, there is a big transformation in data storage technology from Magnetic tape to Cloud data storage. In this transformation we have seen Floppy disc, Compact Disc, Digital Versatile Disc and Hard Disc, but more compact data storage discovered more data is created at very fast rate. This need lead us toward exploring more complex and huge data storage technology and biological Data storage became the field of interest in current years.

ICAC-1904182

An Introduction of Android Technology

Ekansh Jain, Shakti Kundu

College of Computing Science and IT, Teerthanker Mahaveer University, Moradabad

Abstract— Android Operating System makes the user easier to interact with real object. It makes the user friendlier while working with smart Phones because of customization. Mainly, people all over the world uses android operating system than IOS operating system.

ICAC-1904183

How to Set Up an IR Remote And Receiver on An Arduino

Preeti Shriwal

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Abstract— using arduino we are going to set up an ir remote sensor and receiver.

This uses a remote which has an led at the ir sensor and that ir rays are modulated by arduino.

This is user friendly tutorial for making a very simple IR Remote decoder using an Arduino and IR receiver. This tutorial will cover everything from setting up the software to using the IR Receiver and decoding the signals. These signals can be used later for multiple projects including IR Remote control Robot, Home automation and similar IR controlled projects.

NOC Reuse for SOC Modular Testing

Pulkit Kumar, Navin Kumar Agrawal, Dr. Arpit Jain

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Abstract— The communication infrastructure is the backbone of the NoC system. System on Chip consists of heterogeneous terms of processing engines and unit of memories. An interconnection network provides processing infrastructure. In this paper we are presenting methodology for performance analysis of the Network on Chips (or interconnection Network). It provides memory unit to communicate with high system complexity. In SOC, performance of system depends on ability of the interconnection.

Role of Angular JS in Android Hybrid Applications

Ajay Chakravarty, Pushpendra Singh, Vineet Saxena

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Abstract— Mobile phones have drastically transformed from being simple devices to being fully – functional pocket – sized computers, equivalent to any desktop or laptop. This typically led to the requirement of mobile application development and mobile – friendly user interface design development, one of which are hybrid applications. Hence it is important to understand, learn and analyze the role of AngularJS in android hybrid applications. This paper conducts a survey on the role of AngularJs and some of development tools available in the market.

Use an Arduino to make this Universal Remote that can Control any Device with an IR Sensor

Priyam Gupta

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Abstract— to make a device by using this we can control any device having infrared sensor using arduino.

Infrared (IR) communication is a widely used and easy to implement wireless technology that has many useful applications. The most prominent examples in day to day life are TV/video remote controls, motion sensors, and infrared thermometers.

Demystefying the Distributed Denial of Service Attack

Deepak Yadav, Neha Singh, Saumya Singh

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Abstract— With the advancement of new technologies cyber threats like DDos are also evolving causing a devastating impact on the multi-national organizations. The increasing incidents of damage occurred due to Distributed Denial of Service (DDoS) attacks are creating an urge to detect and understand these attacks at an initial phase. This review paper elaborates the attack, its types and the preventive measures that should be used to detect attack in its emerging phase.

Satellite Image Processing Using Cloud Computing

Dr. Arpita Jain, Rajeev Kumar

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Abstract— This progressive Earth remark technologies these days produce more sort of massive datasets. To acquire well timed the records from such datasets, faraway sensing scientists need to be prepared with a higher and powerful figure out and storage platform. Cloud computing platform can be a acceptable alternative, because it affords the needed computing power with minimum cost on pay-as-use basis. To look which present platform will be appropriate for the complicated evaluation of big far flung sensing statistics, we gift right here a comparative observe among the maximum typically used cloud structures, Amazon, Microsoft and CloudSigma. primarily based at the restricting elements that the satellite image-processing project calls for, we considered flexibility, scalability, management and pricing. Flexibility say how strong is the hardware structure; Scalability means how the software should make use from convenient computing sources to maintain well-functioning; management view at the possibility of dashboards and manipulate panels to manage cloud assets; and Pricing consists of the price of development and running value of the carrier on lead of cloud platform. Contrast showed that Amazon web offerings transcended all competition mainly in big records processing and scalability possible alternatives.

Social Media Exploitation for Terrorism

RajKumar, Neha Singh, Arbaz

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Abstract— With the evolution of technology, social media have emerged as a vibrant platform for dissemination of information to the masses. The easy accessibility of this platform has motivated the users to share their thoughts and perception and even inspire their surroundings for some social general cause. However this technology also has a flip side which is being exploited by the terrorist to distract and misguide the groups for their personal intentions. This paper will focus on how social media have been exploited by terrorist to hamper the society beliefs and create agitation among groups and communities. The aim of this study is to examine the terrorist activities propagated through social media.

ICT Policies for Lab Infrastructure

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Abstract— The institute has separate ICT (Information Communication Technology) Cell having technical members designated as Lab Technicians with leaders monitoring them and their works assigned. In this paper, We examine the potential integration of Labs concepts of open and user driven innovation with Future Internet experimentally driven research approaches. We have elaborated the lab number, total numbers of computers, nature of lab and configuration for lab. We have discussed some Steps to monitoring and maintenance of Lab Computers. There are some computer lab rules which should follow every one. If any of the above provision be breached, the ICT department depending on the degree of violation will either warn or suspend the student from the Lab and Principal's office will be informed immediately for their record. The student will remain under suspension until the student can show and prove genuine reasons NOT to re-offend.

Progressive Web Apps

Mohd Aamir

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Abstract— Progressive web applications (PWAs) are web applications that load like regular web pages or websites but can offer the user functionality such as working offline, push notifications, and device hardware access traditionally available only to native applications. PWAs combine the flexibility of the web with the experience of a native application.

The World is realizing the power of computing E-commerce and knowledge mining

Manoj Joshi, Ankita

Research Scholar , S.S.J.Campus Almora, kumaun University, Nainital

Abstract— Ecommerce, also known as electronic commerce or internet commerce, refers to the buying and selling of goods or services using the internet, and the transfer of money and data to execute these transactions. Ecommerce is often used to refer to the sale of physical products online, but it can also describe any kind of commercial transaction that is facilitated through the internet. Whereas e-business refers to all aspects of operating an online business, ecommerce refers specifically to the transaction of goods and services.

Comparative analysis of cyber crimes

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Abstract— Cyber crime encloses criminal acts that involve computer and networks. Cyber crime are effected by the way of illegal access to others database, data interference, system interference, misuse of devices, forgery and electronic scams.

Blue Jack

Sagar Chetri, Swati Vishnoi

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Abstract— This paper is tied in with sending of unconstrained message over Bluetooth to Bluetooth-empowered gadgets, for example, cell phones, PDAs or workstations, sending a vCard which for the most part entail a message in the name field to another Bluetooth empowered gadget through the OBEX convention. It is approximately 10 meters for mobile phones, and about 100 meters for laptops with solid transmitters This innovation license telephone clients to send business cards an obscure utilizing Bluetooth remote innovation. Collector does not realizes who has sent the message, however it has the name and model of the phone of blue jacker people. Contraptions that are set in non-discoverable, concealed or intangible mode are not accommodating to blue jacking. Numerous individuals don't know about this innovation, it has been noted. There are different advancements likewise which are fundamentally the same as it. These are Blue bug, Bluesnarfing, Blueprinting, and so on. This audit paper gives a review of the Blue jacking Technology.

Ethical Hacking with Penetration Testing

Shivam, Namit Gupta

College of Computing Science and IT, Teerthanker Mahaveer University, Moradabad

Abstract— Ethical Hacking sometimes called as Penetration Testing is an act of intruding/penetrating into system or networks to find out threats, vulnerabilities in those systems which a malicious attacker may find and exploit causing loss of data, financial loss or other major damages. The purpose of ethical hacking is to improve the security of the network or systems by fixing the vulnerabilities found during testing. Ethical hackers may use the same methods and tools used by the malicious hackers but with the permission of the authorized person for the purpose of improving the security and defending the systems from attacks by malicious users.

Analysis of NoSQL Database Based on Types, Characteristics and Performance: A Review

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Abstract— NoSQL is a non-relational database the board system which differs from relational database the board system from various perspectives. It don't use a forbidden structure for the capacity of data and SQL request for the recuperation of data as relational database the executives system does for the most part [1]. It don't seek after any development that is the reason it is furthermore called creation less or not fixed example database system. It can deal with semi-organized and unstructured data in all regards beneficially and relational databases have issue while taking care of it.