



Jagan Institute of Management Studies
3, Institutional Area, Sector-5, Rohini, Delhi-110085

Publication of the Institution

Annexure XII

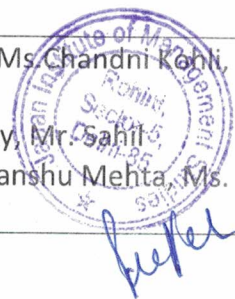


Jagan Institute of Management Studies

3, Institutional Area, Sector-5, Rohini, Delhi-110085

Publication of the Institution for the Academic Session 2022-23

S. No	Name of Journal / Magazine	Name of Editor / Student Editor	Category
1	8i (IJICCT) Computing Everywhere	(1) Dr. Deepti Sharma, Professor, JIMS (2) Dr. Archana B Saxena, Professor, JIMS (3) Students Coordinators	Journal
2	8m (The Journ. of Indian Mgmt. & Strategy)	(1) Mr. Ashok Sharma, Ms. Neelam Tandon, Faculty JIMS	Journal
3	Insight: TechByte	(1) Editor: Dr. Chetna Laroia, Associate Professor, JIMS, Dr. Manjot Kaur Bhatia, Professor JIMS (2) Student Editor: Mr. Deversh Khandelwal, Ms. Jasleen kaur Wahi, Mr. Benjamin Joseph, Ms. Komal Kapoor	Magazine
4	HORIZON-More than Just Economics	(1) Dr. Sonal Pahwa, Faculty Incharge; (2) Utkarsh Verma: Student Incharge; Rachit Negi: Head Coordinator	Magazine
5.	Osmosis: Connecting Thoughts	(1) Dr. Parminder Bajaj. Faculty In charge; (2) Editor and Writer: Utkarsh Verma, Shashank Gupta; (3) Contents Writers: Sanjana Roy, Ujjwal Goel, Syna Gupta, Paras Jain, Student	Magazine
6.	IPU Deptt. Newsletter	(1) Dr. Praveen Aora, Professor, Dr. Priyanka Gandhi (2) and students Coordinator	Newsletter
7	IT Kaleidoscope	(1) Dr. Praveen Arora, Principal, JIMS & (2) Students Coordinators	Students Press
8	ECO-KNOCKS: Insights from the Economic Dept.	(1) Editorial Incharge: Ms. Namrata Mehta, Faculty JIMS (2) Student Editorial Team: Khushi Chandhok, Aditya Dewan, Arushi, Anjali Rajput	Students Press
9	Management Newsletter	(1) Editorial Incharge: Dr. Parminder Bajaj. Faculty JIMS (2) Editorial Team: Sanjana Roy, Ujjwal Goel, Paras Jain, Shashank Gupta, Student	Students Press
10	Springer CCIS Publication papers for ICICCT	Dr. Praveen Aora, Principal, Dr. Latka Kharb, Professor, Dr. Deepak Chahal	Book Proceeding
11	Technowiz-IT Seminar	(1) Dr. Deepti Chopra, Faculty JIMS, Ms. Chandni Kohli, Faculty JIMS (2) Student Editor: Mr. Aditya Pandey, Mr. Sahil Kumar, Ms. Ishita Jindal, Mr. Priyanshu Mehta, Ms. Ritika Singh	Book Proceeding





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International Journal of Information, Communication & Computing Technology

jims
Sector - 5, Rohini, Delhi

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(IJICCT)

Computing Everywhere

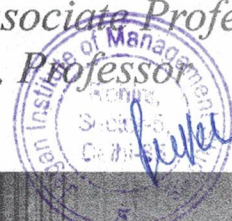
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**INTERNATIONAL JOURNAL OF
INFORMATION, COMMUNICATION
& COMPUTING TECHNOLOGY**

Editor in Chief : Prof. Dr. VB Aggarwal, Ph D (USA)

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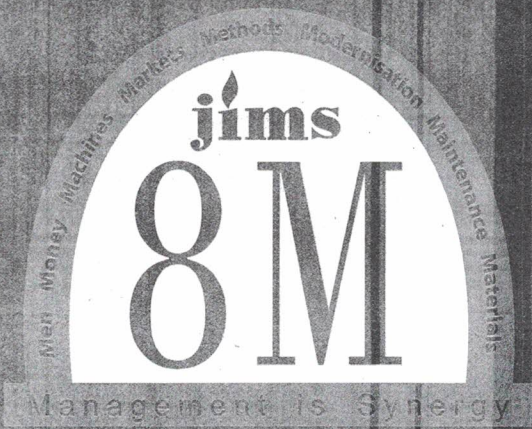
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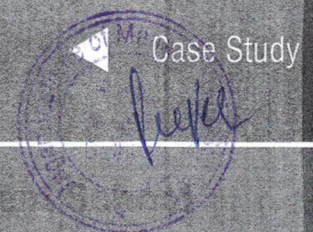
The Journal of Indian Management & Strategy

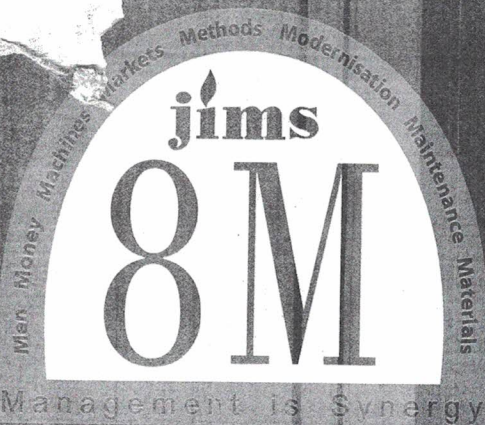
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◀ Research





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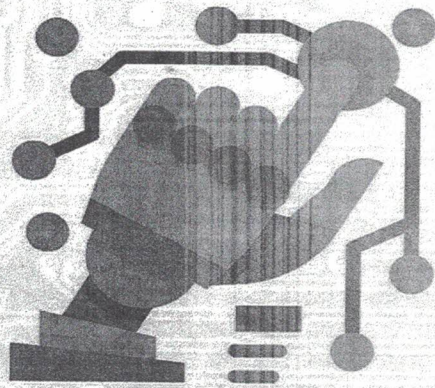
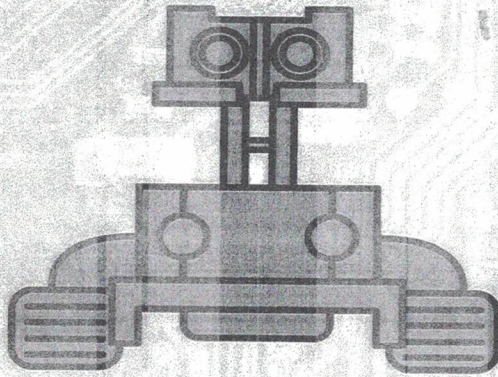
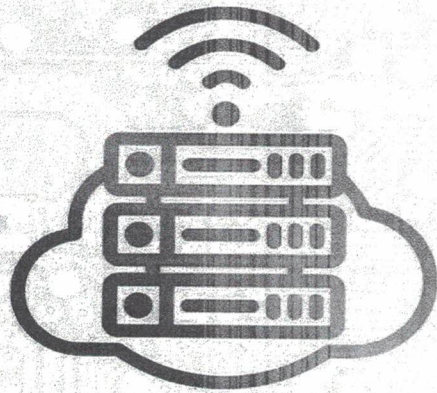
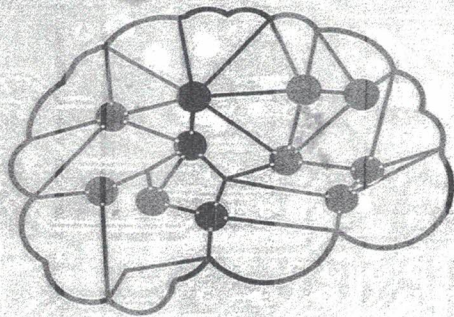
◀ Case Study

◀ Book Review

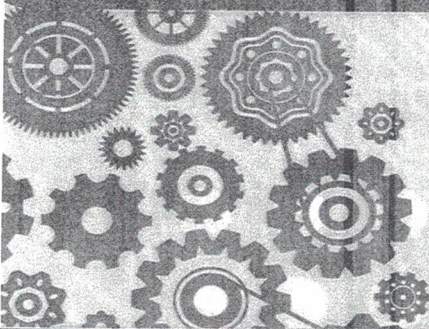


INSIGHT

TECHBYTE 2022



RECENT INNOVATIONS IN COMPUTING AND COMMUNICATIONS



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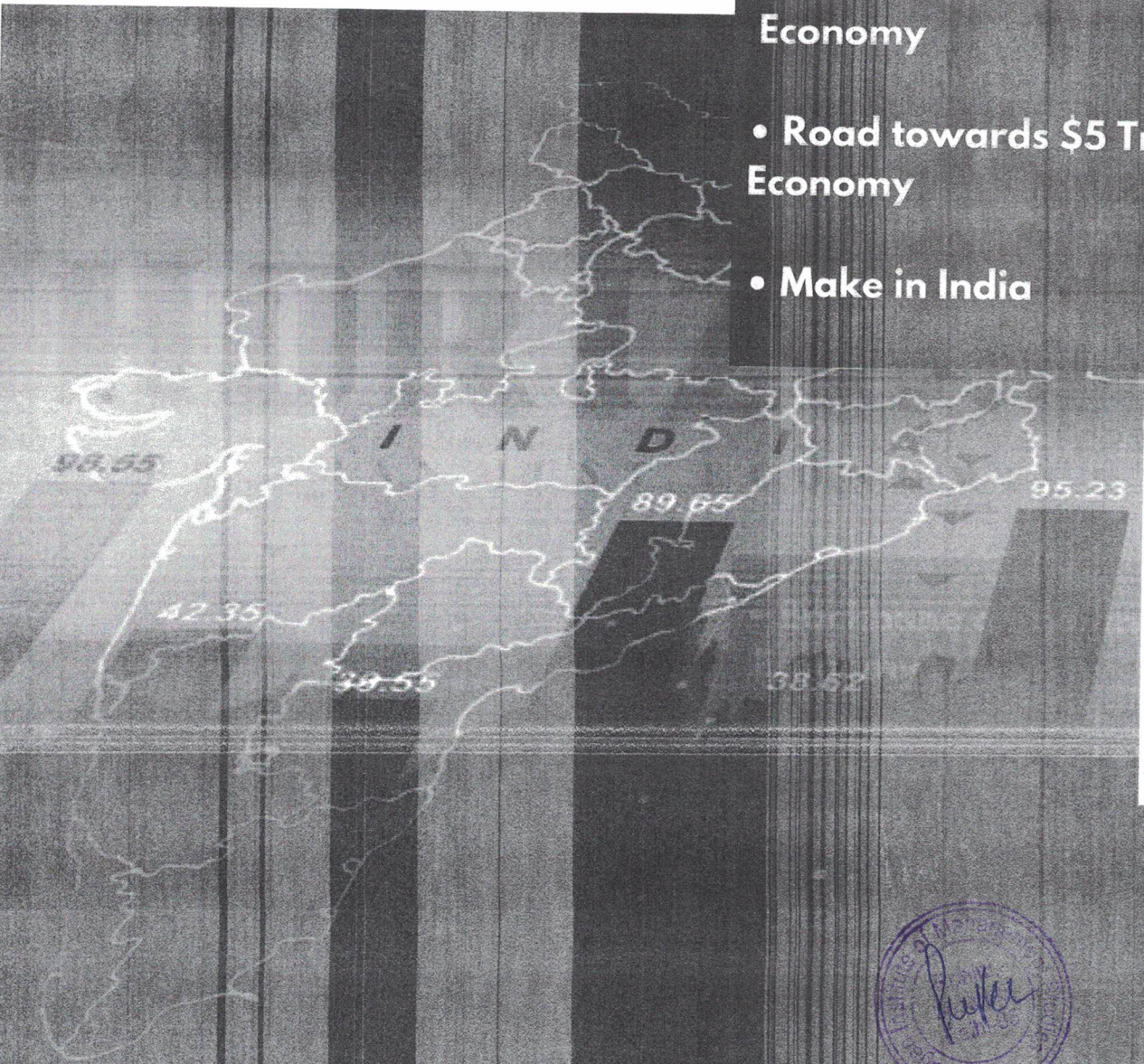
HORIZON

MORE THAN JUST ECONOMICS

- Backbone of Indian Economy

- Road towards \$5 Trillion Economy

- Make in India



OSMOSIS

CONNECTING THOUGHTS

A CREATIVE PURSUIT BY MANAGEMENT UNDERGRADUATES

HOT TOPIC

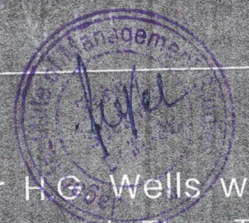
**GLOBAL
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**IS EV THE
FUTURE
OF INDIA?**

**TIME IS.....
COMPLICATED**

UNNATURAL QUESTIONS

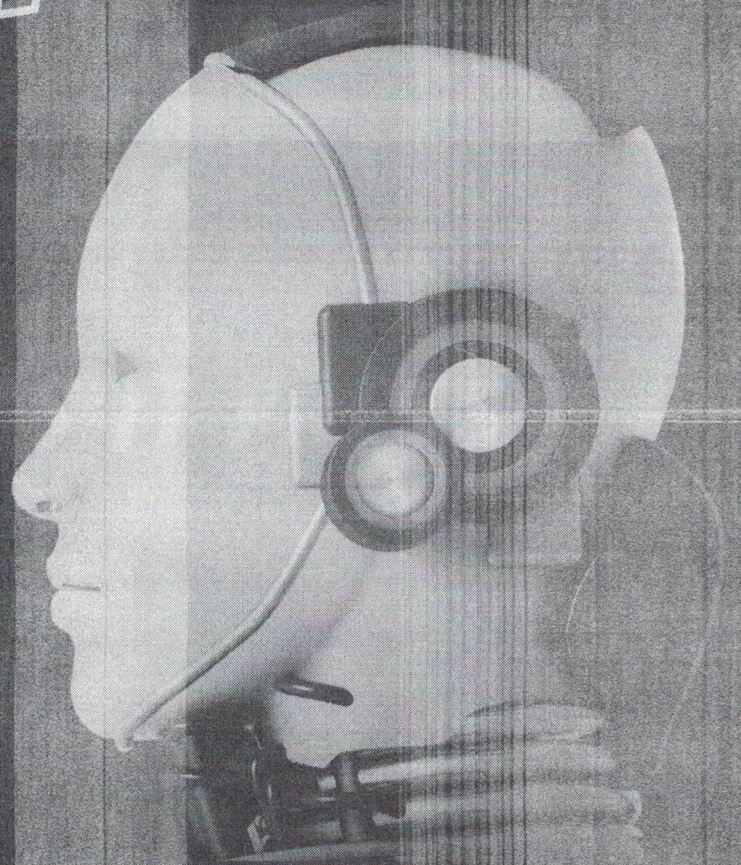
In 1895, author H.G. Wells wrote his influential novel *The Time Machine*. This begs the question, What methods of time travel will be possible in the future?



THE STUDENT'S IT PRESS

CHATGPT

THE ERA OF AI CHATBOTS



IT KALEIDOSCOPE

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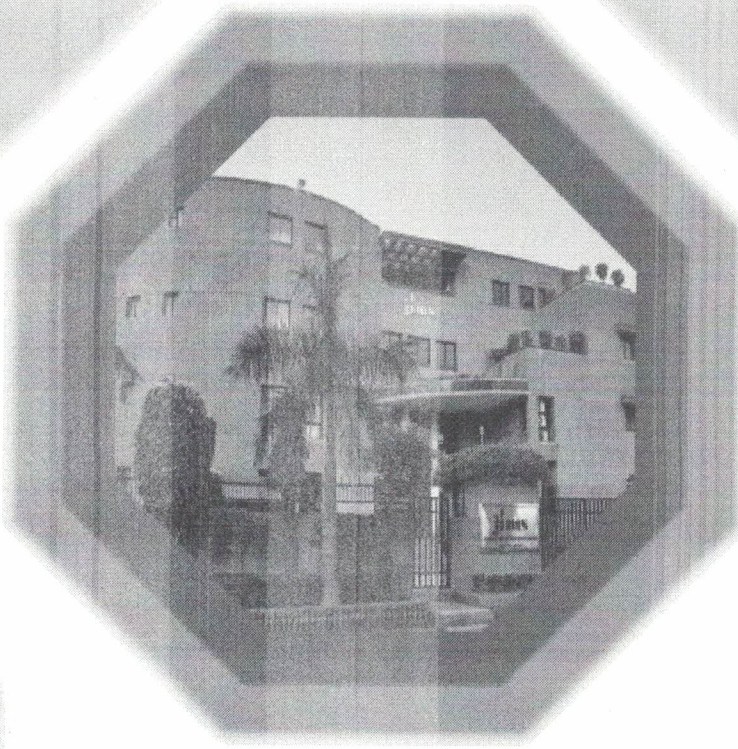
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IT KALEIDOSCOPE

THEME: CHATGPT - THE ERA OF AI CHATBOTS

Introduction to ChatGPT

Natural language processing tools like ChatGPT are based on artificial intelligence, allowing users to converse with chatbots in a way that is similar to human conversation. The ChatGPT service was created by OpenAI, a company devoted to artificial intelligence and research. On November 30, 2022, ChatGPT was launched by the company.

As a part of the language model, the user can ask questions and receive answers as well as assist the user in composing essays, emails, coding, and much more. OpenAI created an architecture for ChatGPT that is based on a pre-trained model named a Generative Pre-trained Transformer (GPT). According to OpenAI, ChatGPT uses a GPT tuned from a GPT-3.5 model. There is an immense amount of information that can be gathered from the internet through generative AI models of this type, including books, websites, news articles, and many others. ChatGPT has the advantage of learning from previous queries and responding appropriately to future queries.

ChatGPT can be accessed simply by visiting chat.openai.com and registering for an OpenAI account. Once logged in and using a valid OpenAI account, the user will be able to begin chatting away with ChatGPT immediately. This model is capable of much more than answering a simple question. It can compose essays, describe art in great detail, generate AI art prompts, have philosophical conversations with you, and even code for the user. Furthermore, ChatGPT can be used to learn languages and translate languages from one language to another.



ChatGPT excels in a few areas, some of which are:

- **Processing natural language:** Natural language processing is a key feature of ChatGPT, which enables it to generate complex code for various applications. ChatGPT generates the desired functions or code from a conversational tone when users type or speak.
- **Understanding the context:** Using ChatGPT, users can receive more relevant and meaningful responses based on the context of the conversation.
- **Customization:** ChatGPT can also tailor responses according to the user's preferences and past conversations.

Working & Technology Used

Using the data, it was trained on, ChatGPT tries to understand the prompt before returning back a string of words it thinks will best address it.

The method involves giving the developing AI some guidelines before subjecting it to scenarios or providing it with a ton of data to feed to create its own algorithms. GPT-3's language models can more easily assign meaning and forecast plausible follow-on text because it was trained on around 500 billion "tokens" in total. Whereas larger or more complicated words sometimes decompose into numerous tokens, many words map to a single token. Tokens are typically four characters long. Although GPT-4's inner workings are unknown to OpenAI, given how powerful it is, we may reasonably conclude that it was trained using the same dataset.

All the tokens originated from a sizable body of human-written material. This comprises a staggering amount of content that has been scraped from the public internet as well as books, essays, and other publications covering a wide range of subjects, genres, and styles. In essence, it was permitted to process all human knowledge.

With the aid of this enormous dataset, ChatGPT was able to learn patterns and relationships in the textual data and toggle into the capacity to produce human-like responses by anticipating what text should come next in any sentence. Deep learning neural networks are complex, many-layered, weighted algorithms modelled after the human brain.

However, that drastically undersells the situation. Instead of working at the phrase level, ChatGPT generates text that includes potential words, sentences, and even chapters or stanzas. Predictive text is striving to construct entirely meaningful responses to any query, not just blatantly guessing the next word.

ChatGPT was dialogue-optimized using a method known as Reinforcement Learning with Human Feedback (RLHF) in order to improve its capacity to react to a number of various cues. In essence, humans developed a reward model with comparison data (in which two or more model responses were graded by AI trainers) so the AI could figure out which response was the best.

It will come back to the neural network it created. Since it has received so much training, GPT-3's neural network has 175 billion parameters or variables that enable it to accept an input—your prompt—and then produce whatever it believes will best satisfy your request based on the values and weightings it assigns to the various parameters (along with a small amount of randomness).

GPT-4's parameter count has not been disclosed by Open AI, but it is safe to assume that it is greater than 175 billion and lower than the formerly-rumored 100 trillion parameters. No matter how many, having more parameters does not always imply higher performance.



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IT KALEIDOSCOPE

THEME: CHATGPT - THE ERA OF AI CHATBOTS

Features

Human-like Text: ChatGPT's Natural Language Processing program can be used to create content that appears to be written by a human. One can not tell whether a human or AI is doing it.

Interactive Responses: It can produce responses in real time because it uses the Human Feedback model and Reinforcement Learning. This feature helps it to constantly change and adapt in response to feedback.

Translation of Texts: English is the most extensively used language in the world, but this application can translate documents into any of the more than 7000 languages that exist.

Personalized Content: It can offer precise and personalized answers for a user thanks to advancements in machine learning algorithms, which will enhance user engagement and conversion rates for businesses.

Future Scope

ChatGPT is a powerful AI language model that has taken the world by storm since its inception. Developed by OpenAI, ChatGPT is based on the GPT-3.5 architecture and has already shown great potential in various applications, such as chatbots, virtual assistants, and customer service agents. As the field of AI continues to evolve and advance, the future of ChatGPT looks promising, with new possibilities and opportunities emerging.

One potential area of improvement for ChatGPT is in its performance. Currently, ChatGPT is capable of generating human-like responses and understanding natural language to a certain extent. However, there is still room for improvement in terms of accuracy, and relevance. As more data becomes available and algorithms are refined, ChatGPT may become even more sophisticated in its abilities, allowing it to engage in more complex conversations with users.

Advantages

Frugal:

It may enable cost savings. It can provide support and customer care, which allows any organization or business to reduce the number of customer service personnel and save money.

Swift and Immediate Responses:

With its rapid responses, it can swiftly react to customers' questions, preventing users from having to wait extended lengths of time on hold and increasing customer satisfaction simultaneously.

Conversational Tone:

With its conversational tone and personalized responses, this AI generated chatbot can help businesses increase customer satisfaction and encourage their consumers to utilize ChatGPT.

Decline Inappropriate User:

It may be trained to recognize and reject incorrect requests from a user thanks to its technology to analyze written content. This might be helpful in spotting spams, improper texts, cyberbullying, etc.

History Feature:

To provide the users with the best possible answers, it can adapt and alter responses depending on prior talks, which helps recall previous questions.

Disadvantages

Contextual Understanding:

It is challenging to hold natural conversations since it lacks contextual awareness and only respond to the user's input.

Training Data:

Considering that it resembles a machine and requires human input to operate, a lot of training is needed to provide reliable responses.

Bias:

There is a lot of information that humans process, which might lead to bias and render some of the results they provide unreliably.

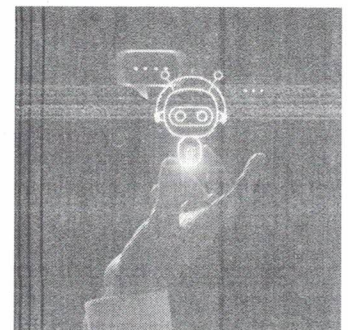
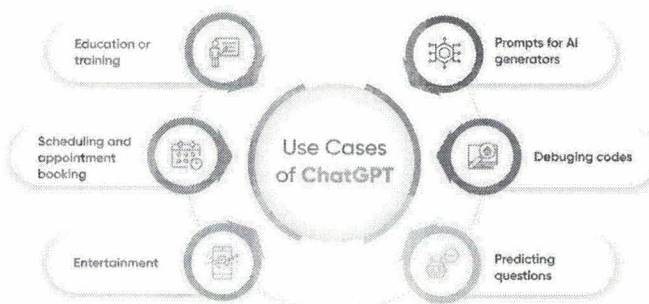
Limited Knowledge:

The has limited knowledge because the knowledge of the world and events which have been put to the model is after 2021. So, it may occasionally generate some wrong information.

Another area of potential development for ChatGPT is in its language capabilities. Currently, ChatGPT is only able to communicate in English, but there is potential for it to expand to other languages. With the development of multilingual AI models, ChatGPT may eventually be able to communicate in a variety of different languages, opening up new possibilities for global communication and collaboration.

Integration with other technologies is another potential avenue for the future of ChatGPT. By combining it with other AI technologies, such as computer vision or speech recognition, ChatGPT could become more interactive and engaging. This could lead to the development of new applications, such as virtual assistants or chatbots with more advanced capabilities, such as recommending products, booking travel, or providing personalized health advice.

In conclusion, the future of ChatGPT looks bright and exciting, with many opportunities for growth and development. With continuous evolution in the field of AI, ChatGPT is likely to become even more sophisticated, accurate, and engaging. With the potential for expanded language capabilities, integration with other technologies, and personalized experiences, ChatGPT is poised to revolutionize the way we communicate and interact with AI in the future.



IT KALEIDOSCOPE

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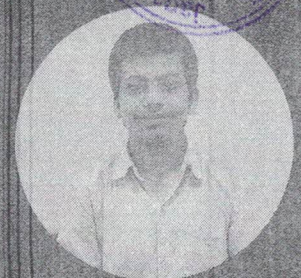
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NOVEMBER 2022 EDITION

COMPUTER FORENSICS

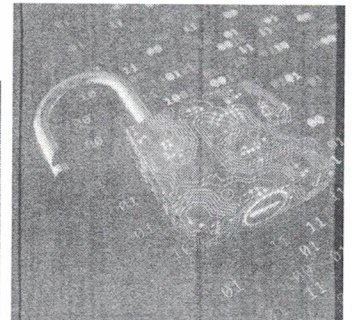
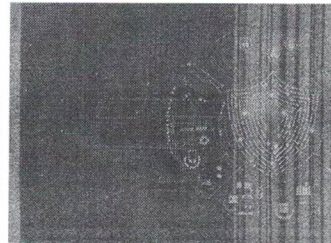
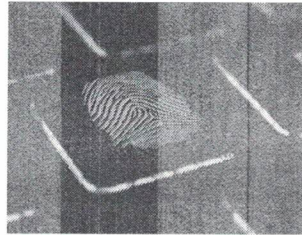


THE STUDENT IT PRESS

Introduction to Computer Forensics:

Computer Forensics (also known as cyber forensics or computer forensics science) is a branch of digital forensics, which deals with examination of the digital media. It is responsible for identifying, preserving, recovering, analysing, and presenting the facts about digital information. It is mainly associated with serious crimes, like child pornography, online scams, cyber-crimes, frauds, murders, etc.

Before 1980s, computers were not accessible to many people. But after early 80s, personal computers became a common thing of daily use by common public. As a result of this, the cyber-crimes also increased as the hackers saw this as a good opportunity to extract ransom or money, or commit some other kind of fraud with the users.



Malware Forensics: Malware Forensics is used for analyzing the code and searching for any malicious part in the code, its properties, its impact on the system and servers, its entry and how it propagates itself.

Network Forensics: Network Forensics deals with the examination of the network, so that it can identify any network is spreading some malware. Such malwares are used mainly for stealing credentials, like credit card number, important passwords, CVV, etc.

Mobile Forensics: Mobile Forensics is used to examine electronic gadgets such as mobile devices, retrieve and analyse the information they contain like contacts, chats, call record, multimedia, installed applications, etc.

Memory Forensics: Memory Forensics deals with analysis and collection of volatile data from RAM and cache memory. They are mainly conducted to investigate and identify attacks or malicious activities that do not leave easily detectable tracks on physical memory such as hard disks.

Working of computer forensics

A forensic investigator typically follows standard procedures when working with computer forensics, an investigative field that identifies and stores electronic evidence from a computer device. Investigators follow different procedures based on the context of the forensic investigation, the device being investigated, or the information they are seeking. Three steps are generally involved in these procedures:

1. Collection of data: It is necessary to collect electronically stored information ethically. Devices are typically isolated physically to prevent accidental contamination or tampering. To maintain the pristine condition of the original device, the examiner makes a digital copy, also referred to as a forensic image, of its storage media.

2. Analysis: An investigator uses digital copies of storage media to gather evidence in a sterile environment. The Wireshark network protocol analyzer and Basis Technology's Autopsy help in this process.

3. Presentation: In legal proceedings, an investigator's findings are used by a judge or jury to determine the outcome of a lawsuit. A forensic investigator presents the data they recovered from a compromised system in a data recovery situation.

The need for forensics analysis tools has created a large market for cyber security professionals reliant on technology to conduct investigations. Here are a few examples of the most common types of digital forensic tools:

- Disk Forensic Tools
- Memory Forensic Tools
- Database Forensic Tools
- Malware Forensic Tools
- Email Forensic Tools
- Mobile Phone Forensic Tools

A focus on computer forensics alone is not sufficient; one must also be familiar with the areas in which it is used. Computer forensics is used in the following situations:

- Deflation, deception, and negligence are all forms of sexual harassment.
- A person's employment can be terminated in the future based on the information collected.
- Cases involving general criminal and civil law. Computers are sometimes used by criminals to store information.
- After an incident, damage analysis, and assessment are conducted.
- Criminal activity involving white collars. Government or business professionals commit these nonviolent, financially motivated crimes.

CYBER FORENSICS

Types of Computer Forensics:

Computer forensics can be of various types, each one dealing with a specific aspect of information technology. its main types are:

Database Forensics: Database forensics relates to the study of databases and some of the related metadata. It follows the normal forensics method and also investigates the database contents and metadata.

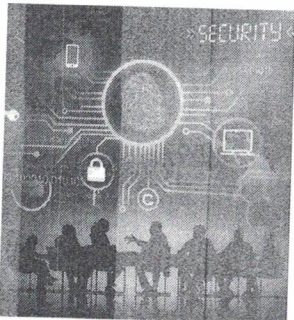
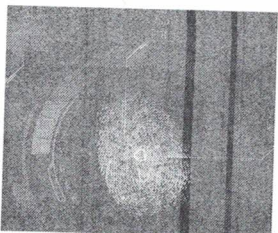
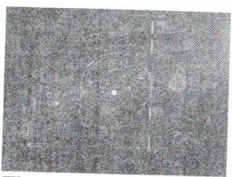
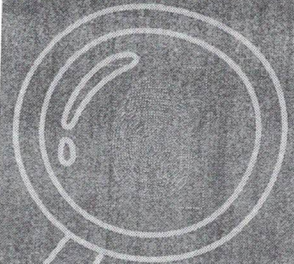
Email Forensics: Email forensics offers the recovery and analysis of emails and other information contained in email platforms. It analyses the email and its content to determine its legitimacy, sender, recipient, date, time, and other information regarding the mail.



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Technology Used in Computer Forensics

Computer forensics investigations are often conducted using the standard digital forensics approach of acquisition, examination, analysis, and reporting. Investigators investigate a compromised device's copy using a number of methodologies and proprietary forensic applications. They search hidden folders and free drive space for copies of lost, encrypted, or damaged files. These analyses are generally performed on static data (disc pictures) rather than live data or live systems, though in the early days of computer forensics, due to a lack of tools, investigators had to work on live data.

Computer forensic investigations use a variety of methods and expertise. Typical methods include the following:

Reverse Steganography

Data can be concealed using steganography in any kind of digital file, message, or data stream. Computer forensic specialists can undo a steganography attempt by looking at the data hashing in the relevant file. The image or other digital file may appear to be identical before and after if a cybercriminal conceals crucial information inside it, but the underlying hash or string of data that describes the image will change.

Stochastic Forensics

It is a technique for forensically reconstructing digital actions with insufficient digital evidence, allowing for the analysis of new patterns brought about by the stochastic nature of contemporary computers. Stochastic Forensics is commonly used in data breach investigations where the attacker is suspected to be an insider who might not leave behind digital evidence.

Cross-drive analysis

This method searches for, analyses, and preserves material pertinent to an investigation by correlating and cross-referencing data located on several computer discs. Information from other drives is compared to suspicious events to look for patterns and give context. This is also known as anomaly detection. Multi-drive correlation using text searches e.g, email addresses, SSNs, message IDs or credit card numbers is one existing approach.

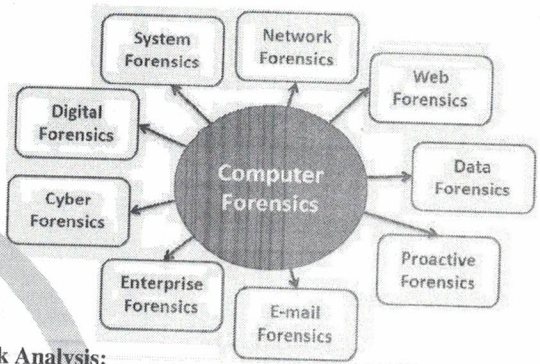
Live Analysis

In this approach, system tools built inside the computer are utilised to evaluate a computer while it is in use, from within the OS. The analysis examines volatile data, which is often kept in RAM or cache. For the sake maintaining the credibility of a chain of evidence, several tools used to retrieve volatile data demand that the computer be in a forensic lab.

Implementation of Computer Forensics Using tools

Digital evidence can be found in a wide variety of formats and on a wide range of platforms. Analysis of documents, emails, network activity, and other relevant artefacts and sources of information about the nature, significance, and attribution of an occurrence are frequently included in forensic inquiry.

Digital forensics tools frequently have diverse expertise because there are so many distinct potential data sources. The most popular and extensively used tools for completing various tasks in a computer forensics investigation are described in the following list:



Disk Analysis:

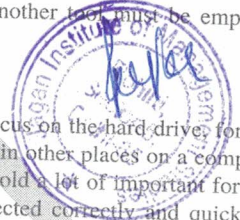
The two most well-known forensics toolkits are likely Autopsy and the Sleuth Kit. The Sleuth Kit is a command-line tool that does detailed audit of hard drive and smartphone forensic photos. A GUI-based system called Autopsy tends to make use of The Sleuth Kit in the background. Users may simply add new functions to the tools because they are built with a modular and plug-in architecture.

Image Creation:

Hard drive, smartphone, and other disc images can be examined with Autopsy and The Sleuth Kit. The utility of using an image for analysis (rather than a live drive) is that it enables the investigator to demonstrate that they have not made any changes to the drive that would alter the forensic findings. Another tool must be employed because autopsy lacks the ability to create images.

Memory Forensics:

Although tools like The Sleuth Kit focus on the hard drive, forensic data and artefacts may also be stored in other places on a computer. RAM is a volatile memory that can hold a lot of important forensic information, which needs to be collected correctly and quickly in order to be forensically valid and useful. Volatility is the most well-known and often used tool for analyzing volatile memory. Like The Sleuth Kit, Volatility is free, open-source, and supports third-party plugins. In fact, the Volatility Foundation annually conducts a contest for users to develop the most innovative and practical framework extension.



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IT KALEIDOSCOPE

COMPUTER FORENSICS

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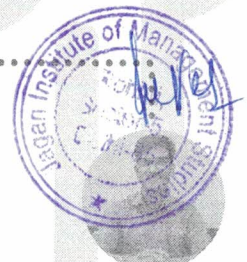
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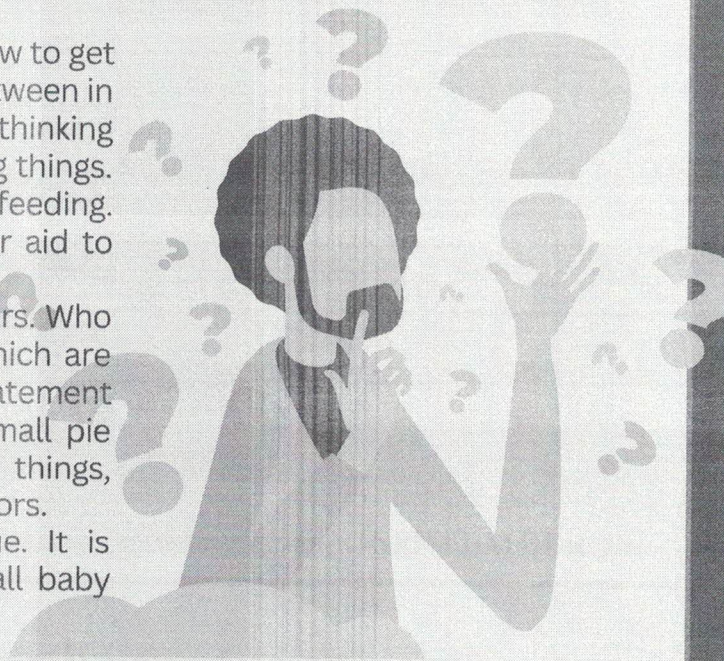
CORPORATES DEMAND AND STUDENTS' SUPPLY: HOW TO ACHIEVE EQUILIBRIUM?

Students are often stuck in the conundrum of how to get what they are dreaming for? Often oscillating between in and out of their fairy tale. Just thinking and more thinking and overthinking. Breeding tension and not doing things. Not taking the first steps, hoping for spoon feeding. Expecting for direction to be shown, waiting for aid to appear.

We would discuss about Freshers, college freshers. Who are perplexed because of too many dreams, which are not realistic but tempting to crave upon. This statement was about the majority of students. But the small pie from the circle is the one who wants to do things, achieve heights and pass the limits with flying colors.

Everything has some similar kind of technique. It is common for all and it is what many people call baby steps or first step. I perceive it in this way:

- **Desire driven by expectations:** Motivation has 2 components. One is desire and other is frustration. To begin something, we need desire. Desire comes by who are we? What do we want to achieve in life? Why for the life? For all these answers self awareness is the key.



The more you know yourself, the better you express yourself. The more confident you seem and you become credible for the stimulus to trust upon. I would recommend a mathematical equation:

$$x + y = z$$

X means what resources you have to achieve z.

Y means what resources you need to achieve z.

Z means your goal.

- **Consistency of Improvements maintained by communication:** In life, it is easy to achieve things when we are with someone, some companies the best companion we could get is ourselves. People are temporary. They come so that they could go. We meet people in our lives for some purpose, which when once achieved they must go, and you must let them go. Many people do find the desire. Then the fire fueled by desire keeps diminishing because when we start losing



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SKILLS TO OUTSHINE AS A COLLEGE FRESHER

With the changing environment and growing competition, it's the skills of the manager that make its team and of course the company one step forward to the growth. Unless of a perfect score in academics and higher level of degrees, the recruiters look for those key employability skills that are essential to being an efficient employee.

Starting with the most importantly the **Communication Skills**. Communication skill is the skill that required in any job as if the manager couldn't able to communicate and interpret properly the tasks to its team members, then they can't be completed effectively.

Moving further to the **Leadership Skills**. Leadership skills are one of those soft skills that many employers look for in candidates and help you to motivate others and ensures that the tasks are completed promptly. Another important set of skills is a teamwork skill. Regardless of your job title or industry many employers consider teamwork spirit a must when reviewing applicants for an open position.

In addition to that **Organisation Skills** are the skills that are especially include planning, critical thinking attention to details and conflict management but this can't be utilized to its full extent if the person lacks his self- management skills like prioritizing tasks, time management and self- motivation.

Along with all the above said skills, an employee must have some **Technical Skills** too as to map up with this dynamic environment and to work effectively and efficiently. A person has adapted all those skills, then surely they will not just only have a good growing future ahead but more of he will grow as a person.

By- Priyal Jindal

Mentor could be anyone who understands you, empathize with you, supports you and directs you. We could be our mentor. Sounds silly but when you talk with yourself, you are naturally uplifted. Talk by journaling, talk with fresh mind- after meditation. Talk with people who has the potency to guide you.

• **Get selected by smart Perseveration:** perseveration means keeping the work in motion, irrespective of the odds, the hurdles, the voices from outside to the inside. Not giving up. Things are connected with each other. So, if you have been dancing, then you would find coordination in your body, between your movements, you would find good and active posture. It would help you during presentations, during meetings, during conversation. Similarly, it is not about doing everything or doing one thing in depth.

It is about connecting the things that you do with the activities that are alien or new to you. That is how you remain curious, you experience creativity. You ask questions of how to do this, you take your time, you do focus, you find some way and you are satisfied. So now the fire of desire in you burns brighter and you aim higher. It helps you in being consistent.

So, in conclusion of smart perseveration what you need is a good hold on these 3 c's: Curious, consistent and creative.

Lastly what you need to do, to achieve that job or designation is that you must market yourself up to the wants of the corporates. The way you polythene yourself the better you gain win on the of being selected. Show then how different you are from the crowd.

By- Pushan Sethi

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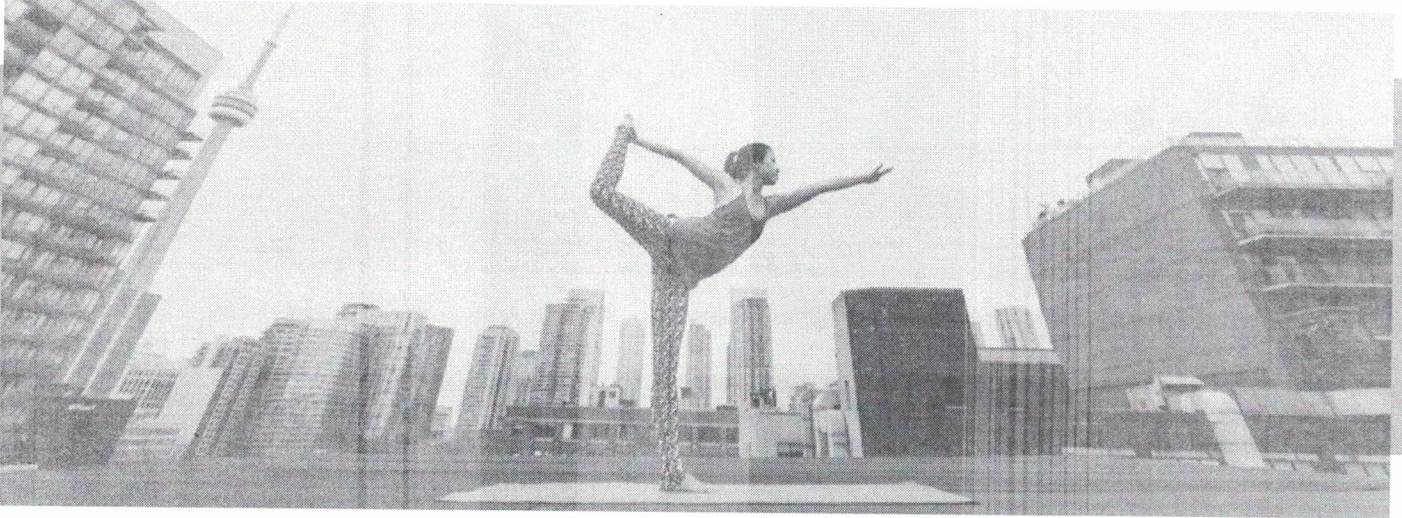


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HEALTH AND HAPPINESS



HEALTH AND HAPPINESS



The two most important components of our lives—health and happiness—are interrelated and dependent on one another. While being healthy allows us to enjoy life's simple pleasures, happiness has a significant impact on our general well-being. The connection between health and happiness will be discussed in more detail in this article, along with strategies for fostering both.

IMPORTANCE OF HEALTH

Our physical, mental, and emotional well-being are all part of our health, which is an important piece of who we are. We need to look after ourselves in many different ways if we want to stay healthy. A healthy lifestyle must include eating healthy, balanced food, exercising frequently, and obtaining adequate rest.

Additionally, mental health is a crucial component of overall health and has a big influence on our wellbeing. Depression, anxiety, and stress are examples of mental health conditions that can have a negative impact on our quality of life as well as our physical health. Therefore, it is essential to put our mental health first by getting the help we need, taking care of ourselves, and doing things that make us happy and fulfilled.

IMPORTANCE OF HAPPINESS

Being happy is a subjective sensation that is influenced by many different things. It includes emotions of happiness, fulfilment, and satisfaction with one's life. Happiness is the presence of pleasant feelings, which can help us deal with difficult situations and enhance our general wellbeing. Happiness is not the absence of negative emotions.

Numerous factors can contribute to happiness, such as close friendships, fulfilling employment or hobbies, and self-improvement. We can develop happiness in our lives by engaging in things that make us happy, spending time with our loved ones, and engaging in gratitude and mindfulness practises.

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THE CONNECTION BETWEEN HEALTH AND HAPPINESS

Health and happiness are strongly correlated, according to numerous research. People who are happier typically outlive those who are not happier and have better health outcomes. Similar to how maintaining good health can boost our mood and sense of wellbeing generally.

Positive feelings and happiness have also been connected to a number of health advantages. For instance, they can improve our immune systems, lower stress levels, and lessen the risk of chronic illnesses like diabetes and heart disease. Additionally, experiencing good feelings can boost resilience, creativity, and cognitive function.

WAYS TO PROMOTE HEALTH AND HAPPINESS

Given their significance, health and happiness must be given top priority in our lives. Here are some suggestions for promoting both:

- *Engage in regular exercise - Physical and mental health can both benefit from exercise. It can lower the risk of chronic illnesses, elevate mood, and increase self-assurance.*
- *Develop Strong Relationships - Spending time with our loved ones can make our life happier and more fulfilling. Spend quality time with your loved ones and friends.*
- *Consume a Healthful Diet - A balanced diet full of fruits, vegetables, lean protein, and whole grains can enhance general health and lower the chance of developing chronic illnesses.*
- *Find Meaningful Work or Hobbies - Finding meaningful work or hobbies might enhance our general happiness and well-being.*
- *Get adequate Sleep - Both physical and mental health depend on getting adequate sleep. Sleep for 7-9 hours each night to feel refreshed and rested.*
- *Practice Mindfulness and Gratitude - Being mindful and appreciative of the good things in our lives can help us feel happier and more content.*



The two most important components of our lives—health and happiness—are interrelated and dependent on one another. We can live a more contented and meaningful life by giving both equal importance. There are various strategies to enhance health and happiness, including regular exercise, a balanced diet, building connections, and pursuing personal interests. Keep in mind that even tiny adjustments can have a significant impact on general wellbeing.

By- Priyal Jindal

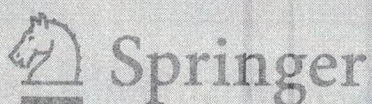
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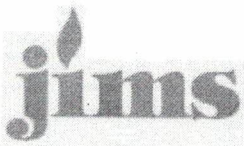
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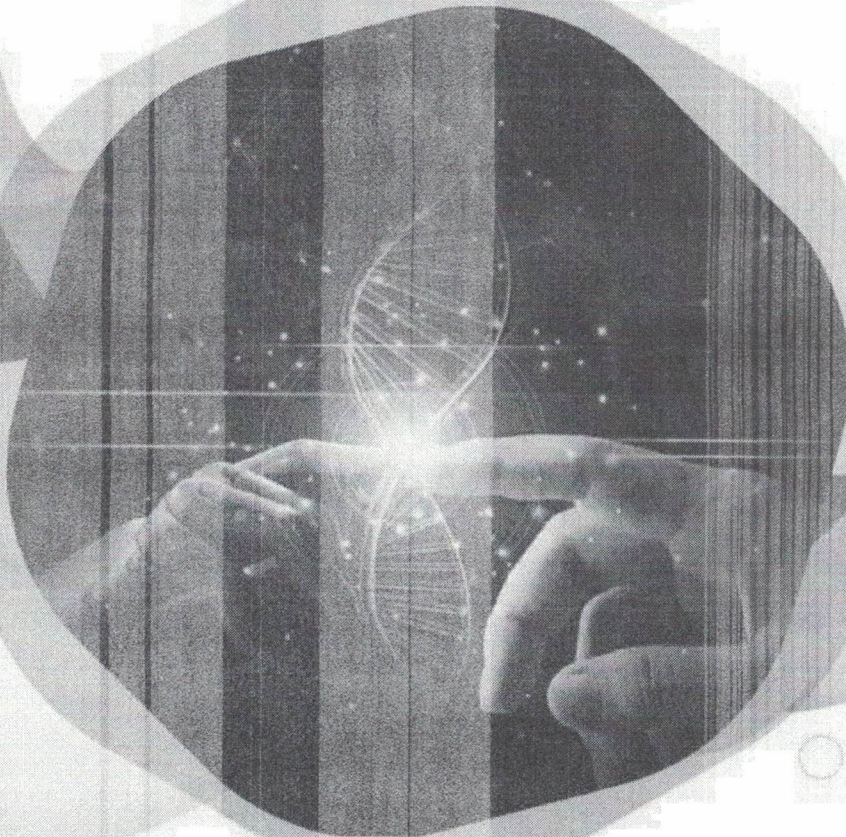


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INTELLITRENDS

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**EVOLUTION OF
AI BASED CONVERSATIONAL SYSTEMS**

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Editor's Desk

As once stated by Swami Vivekanand, “The world is the great gymnasium where we come to make ourselves strong.” In this world of emerging tech and digital transformation, we must be capable of accepting the change brought about. And in order to do so, we must understand the change itself. We at JIMS believe that we should not provide the opportunity to students just to achieve academic excellence but propose the benefits of developing the skills and attributes which are important for their own development.

TechnoWhiz is a magical portal where students step in, to gain INSIGHT into the current and upcoming technologies and keep themselves up to date with industry standards. Through TechnoWhiz, the students are not only polished into industry-ready individuals, but they also get a hand-in-hand experience with event management as they volunteer to help conduct this grand symposium. We would like to manifest our gratefulness to the management of JIMS and faculty members for their incredible endowment. The dedicated hard work and efforts of our students are highly appreciated.



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