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IMPACT OF ARTIFICIAL INTELLIGENCE ON SOCIETY

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ABSTRACT

Artificial Intelligence, or AI, has entered every aspect of our lives. Its tendency to affect human rights is gradually getting worse. AI's interference with human rights has already had some negative effects. However, it is anticipated that these negative effects resulting from the intersection of AI and human rights will grow in both severity and dimension with the rapid advancement of AI technology. It is anticipated that the well-developed standards of international human rights law will provide effective constructive inputs to various nations in order to implement operative remedial mechanisms to prevent and mitigate this ominous circumstance. It is anticipated that these inputs will help the various nations formulate appropriate AI-centric regulation and policy while taking into account the various country-specific challenges. Since AI is still in its infancy, it is impossible to say for sure how or in what way it will affect society's future. From this point of view, the purpose of this article is to offer some specific recommendations for the development of tools, such as regulation and policy-framing, for safeguarding people from the most perilous AI applications that could jeopardize human rights.

KEYWORDS: *intelligence, Artificial, bringing, associated.*

INTRODUCTION

The impact of artificial intelligence on society is hotly debated. It is argued by many that AI makes life easier, safer, and more efficient by performing routine and even complex tasks better than humans. Our workplaces' efficiency can be significantly enhanced by artificial intelligence, which can also supplement human labor. The human workforce is freed up to perform tasks for which they are better equipped, such as those that require creativity and empathy, when AI takes over dangerous or repetitive tasks. AI technology is important because it makes it possible for software to increasingly effectively, efficiently, and cheaply perform human abilities like understanding, reasoning, planning, communication, and perception.

OBJECTIVE

In general, intelligence is the capacity to solve any problem rather than just finding a solution to a particular issue. And as is common knowledge, artificial intelligence (AI) enables machines and computers to imitate human perception, knowledge, problem-solving, and decision-making abilities to

solve problems without error and to make human life easier with concise responses. We can say that Artificial Intelligence (AI) is now present in every setting, from the classroom to the workplace, assisting us by providing concise solutions to our problems.

Nowadays, we want artificial intelligence technology to make our daily lives easier:

1. Learning by doing
2. Systems with deep learning
3. Processing natural language
4. Generation
5 of natural language
6. Virtual agents
7. Recognition of speech Hardware with AI built in
8. Choice administration

Presently a days, wherever From voice collaborators to cunning apparatuses, computerized reasoning (artificial intelligence) is surrounding us, and its effect on our way of life and work will keep to rise. which facilitates our day-to-day lives The advancement of artificial intelligence (AI) technology is accelerating, and it is already being used to automate numerous tasks in our homes and workplaces .

METHODOLOGY

This study aims to explore the literature on the impact of artificial intelligence on society and its transformation. Recently AI has penetrated its roots into a range of fields. To cover various societal aspects, literature has been retrieved from various disciplines where AI is applied. These areas include healthcare, automobiles, commerce, governance, defence, entertainment, computation, and sports. These articles are retrieved from peer-reviewed sources based on the keywords suggesting the role of AI, forecasting & assessment of impact, behavioural & ecological aspects of AI, and AI's relation to employment. Various reports from governments or their agencies are also retrieved and reviewed to put forward their opinions, studies, and measures to strengthen their position in AI-led futures.

AI AND SOCIETY

Our society has undergone significant shifts in the short, medium, and long terms as a result of the AI technology's anticipated arrival. The introduction of artificial intelligence (AI) into society has had significant repercussions for professionals who are accustomed to working with cutting-edge technologies. These repercussions range from legal professionals monitoring the effects of AI's influence and its regulatory implications to technocrats who frequently use AI to make precise decisions about complex technological issues. In addition, AI is having a significant impact on the general public by providing them with enormous assistance at a low cost and posing some complicated challenges, including the possibility of violating their fundamental rights, such as privacy. From this point of view, the purpose of this paper is to provide a balanced, comprehensive, and holistic attempt to briefly examine the ways in which the introduction of AI technology is effectively contributing to societal shifts by offering humans benefits and drawbacks. In order to accomplish this, the purpose of this study is to examine how, by introducing a variety of regulatory implications, the applications of AI in society can be controlled so that they do not significantly harm society by jeopardizing the security and privacy of personal data of humans and by violating their human rights. Additionally, this paper will discuss how AI is providing enormous benefits to society in a variety of sectors, including agriculture, healthcare, and so on.

POSITIVE IMPACT

However, there are numerous beneficial effects on humans as well, particularly in the healthcare sector. Computers are given the ability to learn, reason, and apply logic through AI. When working together, scientists, clinicians, mathematicians, engineers, and medical researchers all have the

ability to create an artificial intelligence (AI) that is geared toward medical diagnosis and treatment, providing systems for the safe and reliable delivery of healthcare. Not only can the digital computer assist in analysis, but robotic systems can also be developed to perform delicate medical procedures with precision as health professors and medical researchers strive to discover novel and effective treatments for diseases. Here, we can see how AI can help with health care.

FAST AND ACCURATE DIAGNOSTICS

The fascinating outcome of the diagnosis has been produced by employing IBM's Watson computer. AI's diagnosis can be obtained immediately by loading the data into the computer. Additionally, AI may present a variety of treatment options for physicians to consider. The procedure is as follows: to load the computer's digital physical examination results, which will take into account all possibilities, automatically determine whether the patient has a problem or illness, and even suggest various treatment options.

SOCIALLY THERAPEUTIC ROBOTS

Senior citizens are advised to get a pet to relieve stress, lower blood pressure, alleviate loneliness, and increase social interaction. Now, it has been suggested that cyborgs should go with those lonely elderly people, even to help with housework. Socially assistive robots and therapeutic robots both contribute to an improvement in the quality of life for physically challenged seniors

REDUCE ERRORS RELATED TO HUMAN FATIGUE

Employee error is inevitable and frequently costly; the higher the level of fatigue, the greater the risk of errors. However, neither fatigue nor emotional distraction affect any technology. It can complete the task more quickly and accurately while also preventing errors.

ARTIFICIAL INTELLIGENCE-BASED SURGICAL CONTRIBUTION

There have been AI-based surgical options for people to choose from. Even though medical professionals still need to operate this AI, it can finish the job with less harm to the body. The majority of hospitals now offer the da Vinci surgical system, a robotic technology that enables surgeons to perform minimally invasive procedures. When compared to manual procedures, these systems offer a level of precision and accuracy that is significantly higher. The less invasive the surgery, the less trauma and blood loss it will cause, and the less anxious the patients will be.

IMPROVED RADIOLOGY

In 1971, the first computed tomography scanners were released. In 1977, a human body magnetic resonance imaging (MRI) scan was performed for the first time. MRIs of the body, the heart, and the fetus were routine by the beginning of the new millennium. The search for new algorithms to analyze scan results and identify specific diseases continues . The AI technology has made a contribution to all of these. Virtual presence The technology of virtual presence can make it possible to diagnose diseases from a distance. The patient does not have to leave his or her bed, but doctors can check on patients using a remote presence robot without actually being present. As if they were present, medical professionals can move around and interact almost as effectively. Specialists can now assist patients who are unable to travel because of this.

NEGATIVE IMPACT

There have been inquiries: Because everything can be done mechanically, human labor will no longer be required as AI develops. Will humans slow down and eventually deteriorate to the point where we return to our primitive state? The course of advancement takes ages to grow, so we won't see the losing the faith of mankind. However, what if the AI grows to the point where it can program itself to be in charge and disobey its master, humanity? Let us examine the negative effects of AI on human society.

1. In the human community, a significant social shift that alters our way of life will occur. To survive, humans must work hard, but thanks to artificial intelligence (AI), we can instruct the machine to perform tasks for us without having to pick up a tool.
2. As AI replaces face-to-face interaction for idea exchange, human closeness will gradually diminish. Since personal gatherings will no longer be necessary for communication, AI will act as a barrier between people. The next problem is unemployment because machines will take over many jobs.
3. Machines and robots have taken over many auto assembly lines in the modern era, displacing manual laborers. Because digital devices are capable of replacing human labor, store clerks will no longer be required, even in supermarkets. Since AI investors will receive the majority of the profits, wealth inequality will result. There will be a wider gap between the wealthy and the poor. It will be easier to see the so-called "M" shape of wealth distribution
4. As AI is trained and taught how to perform a given task, it can eventually develop to a point over which humans have no control, resulting in unanticipated issues and consequences as well as new social issues. It alludes to computer based intelligence's ability in the wake of being stacked with all required calculation may consequently work on its own course disregarding the order given by the human regulator
5. It's possible that the AI's human creators will invent something with racial bias or an egocentric focus on causing harm to particular people or things. For example, the Assembled Countries has casted a ballot to restrict the spread of core power in feeling of dread toward its indiscriminative use to obliterating mankind or focusing on specific races or locale to accomplish the goalof mastery. It is possible for AI to execute the programmers' command to destroy a specific race or set of programmed objects, resulting in global catastrophe.

At the moment, Artificial Intelligence is significantly altering the sector. Things are changing in the business world. The concept of "equipment, with a human-level ability" is both frightening and exciting. It is important to keep an eye on this emerging idea of cutting-edge equipment. The machine's inventive design and learning will receive a lot of attention. As a result, in the near future, research will focus on how much they interact and participate. By and large, Computerized reasoning and the Possibility of Independence have both been significant improvements in the field of thought. However, personal use safety remains a concern in some instances. The new, digital world is built on the foundation of information and communication technology (ICT). Albeit now and again, computer based intelligence likewise raises concerns, like incidental effects. Limits on autonomy have been discussed, just as they were during the War. Privacy is at risk from these technologies, even in marketing and social media. The integration of information and communication technology (ICT) has never been greater. The application of AI will demonstrate cutting-edge capabilities in agricultural and defense settings. The effectiveness of AI outweighs its impact on society. To finish up everything. In every field I've studied, artificial intelligence has been a turning point. The methods that are used almost everywhere in modern society have changed as a result of the use of AI.

RECOMMENDATIONS

In India, the mission has been set up in the name of 'Inter Ministerial National Artificial Intelligence Mission' All AI-related activities would be controlled and monitored by this mission as the primary agency. The following issues would be the focus of this organization's activities.

1. to ensure dependable coordination among various ministries in order to monitor AI applications.
2. to improve AI research by establishing a repository for all AI-related research.
3. to establish a "Center of Excellence" to develop testing mechanisms for evaluating AI's performance and improve facilities for AI-related research. In addition, it is necessary to Establish a digital data bank to facilitate the collection of cross-industry data in favor of startups. There ought to be a Department of Indian Norm for taking fitting drives to figure out guidelines as far as computer based intelligence satisfactory globally. Establish a data ombudsman to resolve AI-related issues. This will be established by the Indian government's commerce ministry.

CONCLUSION

It is evident that Artificial Intelligence has more significant benefits and effects on our lives. New age is tolerating and getting a charge out of contribution and impedance of Counterfeit Intelli-gence in their day to day way of life. because it is utilized in every aspect and helps solve fundamental issues. Yet, as indicated by our review we can see that more established age is having issue about absence of information while giving the innovation and furthermore they found it chance to thoroughly hand-off on Man-made brainpower (simulated intelligence). People all over the world rely on AI, and it is anticipated that this trend will continue to grow over time. If concerns regarding privacy and security protection for personal data are not adequately addressed through the formulation of appropriate policy, laws, and regulations, AI development for societal benefits will be hampered. Those should always be put into action with good governance. It is imperative that attention be paid to the fact that, in the name of protecting privacy, authorities should not be overly stringent or unreasonable, as doing so will impede AI-aided development and societal expansion. In order to adhere to the ethical standard when structuring the AI program, the authority should exercise caution. In India, there is no AI policy, which could impede progress given that the society wants to use AI and expects to protect data privacy at the same time. The AI policy, which should, of course, be consistent, reasonable, and executable, will guarantee this equilibrium.

REFERENCES

- Allen, G., & Chan, T. (2017). Artificial intelligence and national security. Cambridge (MA): Belfer Center for Science and International Affairs.
- Bagchi. A(2019). Artificial intelligence in agriculture. Mindtree. Accessed on 18 June 2019.
- Berger, I.W (2018). The Impact of Artificial Intelligence on the World Economy.The Wall Street Journal.
- Chatterjee S, Bhattacharya K. Adoption Of Artificial Intelligence In Higher Education: A Quantitative Analysis Using Structural Equation Modelling", Education And Information Technologies, In Press, 2020.
- Ramesh, A. N., Kambhampati, C., Monson, J. R., & Drew, P. J. (2004). Artificial intelligence in medicine. Annals of The Royal College of Surgeons of England.