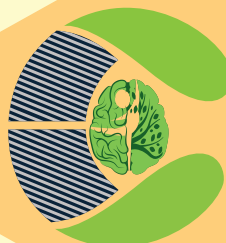


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Can Robots replace Humans completely in the Workplaces?

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As we know now the world is filled with technology and AI (artificial intelligence) also with every electronic device there is information that is the internet. It's all about the information here where the advanced users come which are known to be hackers worldwide. These hackers try to get information from a database of software where the personal information of a person will disclose all over the world.

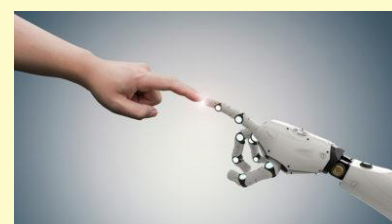
Keywords

- Robots
- Human
- Workplace
- Life
- AI

Introduction

- Each Industrial Revolution questions the existing pattern of things. The Fourth Industrial Revolution was marked by emerging technologies in the fields of robotics, artificial intelligence, the internet of things, fully autonomous vehicles etc. In the aspect of Robotics, the Industrial Revolution is challenging whole nature of work - Can robots replace humans in work place?

- It's often said that necessity is mother of invention. In order to achieve advancement and to make life convenient, humans are working rigorously in all fields. Artificial Intelligence (AI) and Robots are the current topics of Research and Development. But to make or to purchase robots a lot of capital is required to be infused and the robots need to be managed and supplied power for the purpose of their running. Also the software and equipment costs will be too high.
- On other hand, the human resources are largely affordable and reliable. Robots do not



have a sense of conscience or emotions and do not possess any decision-making abilities to tackle difficult situations. Automation can be done only when robots are programmed by humans. As per a report in the UK, Artificial Intelligence and Robots will create more number of jobs than they may take, in the upcoming years.

- This does not mean that robots and automation are completely damaging to the economy, they surely do have a position in the modern industry. Further about robots completely replacing humans in the workforce, well, it does not seem to be happening. Here are the reasons why robots cannot replace humans entirely.

Robots and AI Lack Creative Problem Solving

Creativity is one of the areas where Artificial Intelligence is still lacking. There is no argument that robots are dominant for taking on dull and repetitive tasks. In fact, they are apparently better than humans, since the machine consistency is usually determined in mass production, also the fact that robots does not possess feelings and thus cannot get bored. Creativity, on the other side, is a gift of humanity, which cannot be programmed into computers.

Robots cannot work in Collaboration with others

Employees who are team-oriented can bring co-workers and departments together to move the business toward a common goal. Where the workplace is collaborative, the employees will be more engaged. Although the AI programmes are receptive to feedback inputs, they lack the sense of real collaboration. Therefore

even if a company is able to run the business processes without people, it is impossible to artificially replicate the sense of real teamwork.

Robots are programmed and cannot handle unpredicted outcomes

If you have ever played chess on a computer, you will know that although the computer is not human, it is still as competitive and competent as playing against one. The computers are bound by logical rules and predetermined outcomes. However, in reality, the future can be estimated with reasonable accuracy but cannot be entirely predicted. There are multiple jobs that require humans to navigate unknown outcomes, gaps in information and shifts in priorities. For example, surgeons and physicians have to balance various factors in treating patients.

Robots are not Adaptable to changing conditions

An employee can adapt to changes when it is necessary for the well-being of the business. When an employee gets a work outside the scope of his position he can quickly adjust to changing goals and assignments. This is a huge benefit for the employers who particularly work in markets that change frequently. Whereas on the other hand, machines are programmed for specific roles. Therefore if there is

a shift in the industry which requires a quick turn in a new direction, technology has to be deliberately replaced or redirected to keep up.

- Humans develop new ideas and possess the potential to make imagination into reality. The jobs in research, scientific and technical services, health and hospitality etc., cannot be taken over completely by robots. Robots can learn and interpret things with the utilization of artificial intelligence, but cannot beat the human mind. Robots may eliminate mundane and dangerous jobs for humans since they can work in risky and unsafe environments. AI will have incredible accuracy, precision and speed, resulting in fast and efficient work for humans with low error rate. In the future, we might see a robotic world, although the master key will always be in the hands of humans.

Robot Density in India

In spite of the steady growth in automation, India is categorized as a low robot density country. It has 85 robots per 10,000 employees in the automotive industry, which is way lesser than Indonesia (378 unit) and China (505 units). The average robot density in India is only 3 robots per 10,000 employees according to 2017 World Robot Statistics submitted by IFR.



Quba Zareen is Pursuing her Bachelors in Commerce along with Chartered Accountancy. She is currently working as an article assistant at Akasam and Associates, CA firm. She is looking forward to start her career as a Tax Consultant with a well-known organization to contribute in growth and brand image via using her Accountancy skills and Taxation knowledge. She is inquisitive in participating in any research-based work to create something significant and helpful for others. She is grateful to her parents and all her tutors who constantly uplifted and motivated her to follow her interests.

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Annexure I

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8%	8%	0%	0%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS
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1	inurture.co.in Internet Source		8%

Note: The Cybernomics had used the turnitin plagiarism [https://www.turnitin.com/] tool to check the originality.

**Reviewers Comment**

Reviewer's Comment 1: The selection of topics is new "Can robots replace humans completely in the workplaces ". The information provided is useful and relates to the present scenario. Author must have given some more information on how it can be replaced by robots and how it affects the employees in the workplace.

Reviewer Comment 2: The author explained the points on Artificial intelligence and Internet of things as its current research topic in every field of research work. And also said the capital requirement is high in robots.

Reviewer Comment 3: Author explained both it can be replaced in future but it cannot replace completely in near future by highlighting the points briefly. And give information on density in India the usage of robots in our country is very low.

**Editorial Excerpt**

The article has 8% plagiarism which is an acceptable percentage for publication. The comments related to this manuscript are noticeable related to "Can robots replace humans completely on the workplaces" both subject-wise and research-wise. The jobs in research, scientific and technical services, health and hospitality etc., cannot be taken over completely by robots. Robots can learn and interpret things with the utilization of artificial intelligence, but cannot beat the human mind. Robots may eliminate mundane and dangerous jobs for humans since they can work in risky and unsafe environments. In the future, we might see a robotic world, although the master key will always be in the hands of humans. After comprehensive review and suggestions by the editorial board the paper has been categorized under the category "View Point".

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Disclaimer

All views expressed in this paper are my own, which some of the content are taken from open source websites for the knowledge purpose. Those some of I have mentioned above in the references section.

**Citation**

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