

## Coherent Communication Between the Robots and Artificial Intelligence

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**Abstract:** The coherent communication between robots and artificial intelligence has increasingly transformed our normal lifestyle. It has not only spread awareness about some pressing issues of the surroundings. But at the same time, it has developed a sense of newly emerging ideas and philosophies. It is also significant to understand the modern outlook where the mental horizon is accompanied by the social interactions, range of atmospheric changes and geographical horizon of the communicative behaviours. It is pertinent to understand the level of the communicative nature in the present scenario.

### Introduction

Coherent communication indicates clarity in the medium of communication. This clarity helps in comprehending advanced communication theories and behaviours. A step-by-step procedure is executed in the traditional theories to transform the concept of structural communicative motives in the socio-cultural and economic relations under the culmination of various contradictory statements. This not only enhances the behaviourism of communication crisis but at the same time, also enhances the development of desired results of exchanging information during the expansion of an idea of reflective communication. At the same

time, the favourable debate surrounds deriving the maximum benefits of coherency in communication. Because it depends on certain elements of the reaction of the messenger in receiving the information. This helps to revolutionise the accomplishment of the methods and approaches while handling the complicated matter to prove your experiment of behaviourism.

The explanation of the complicated communicative equations between the robots and artificial intelligence lies in the dynamics that are expressed in the form of accuracy. Though the relation between traditional communication behaves under the realm of the law of the universe which showcases the value of multiculturalism. The law of cosmology highlights the concept of contingent God's will to weave the divine activity. But, the infinite space in the formulation of determining the transmission of messages from a native person to another person of a different place. The accuracy becomes impossible and it moves towards hindrance. While the interest in robots and artificial intelligence lies in the reconstruction of accurate traditional communication and behaviour.

It brings out more solutions towards changing relationships and undue decisions.

## **Parameters**

Therefore, there are parameters which influence the coherent communication between the robot and artificial intelligence. These are as follows:

### **Accuracy**

The accuracy of the communication entails a concept of clear and contextual understanding of the obstacles in the growth of an organisation of communication crisis. The inability to break out in the communication revolution defines the freedom of expression. But the newly emerging idea of communicating thoughts, and philosophies is related to a more resolving approach to move towards the accomplishment of sending the message across the mind of everyone.

### **Good knowledge:**

Good knowledge allows you to form a particular structure and pattern in communication behaviour. The expansion of the communication channels stands in the growth of a person's behaviour. The communication crisis gives obstacles, complications and hurdles while undergoing a transitional phase. At this point, good knowledge helps overcome all these obstacles. This communication in both artificial intelligence and robots brings forth a growth of presenting detailed learning and experiences.

### **Healthy and sizeable competitive behaviour:**

Not many are aware of the exact right and nearly right. Here, healthy and sizeable competitive

behaviour means these tools of communication help carve out the economic, social and cultural relations in bringing out the productive behaviour rather than achieving badly designed, though processed results. Healthy and sizeable behaviour help in achieving desired astonishing results. A person in today's scenario can move towards desired results by choosing healthy and sizeable competitive behaviour.

## **Predetermined unifying element**

This predetermined unifying element sustains the development in the form of completeness of the communication in these tools. Robots and artificial intelligence help in developing a force of unification by investing knowledge and understanding contradictions to give rise to the recognisable and sustainable compromise over scattered elements and developing into a par excellence of productivity. The unification of the element can be acquired only by consolidating the entire process of driving the force towards strengthening.

## **Good commercialism**

Another profound change is good commercialism. Artificial intelligence and robots can stimulate the correct procedure to give clarity on your strengths, weaknesses, opportunities and threats in times of commercialism. The synthesis of communication can help in establishing the good procedures of

commercialism. This requires you to do some revolutionary changes which help in recognising specific communication relations in commercialism. In times of calamities like plague epidemics, pandemics, and famines, it is pertinent to understand the principal cause of stronger recovery during economic disruptions. Robots and artificial intelligence can provide you with expansive techniques covering distant markets. It helps extract maximum benefits from all the sources.

### **Robots and Artificial Intelligence use: Statistics**

The artificial intelligence market is growing in size. According to Gartner, the market for artificial intelligence software will reach \$62 billion in 2022 alone. This percentage has increased by 21.3 per cent since 2021. AI is expected to grow at a 33.2 per cent annual rate between 2020 and 2027, according to Semrush.

Not only that, but 48 per cent of firms utilise machine learning (ML), data analysis, and AI solutions to maintain and improve data accuracy. Globally, over 2.7 million industrial robots are in use. Every year, around 400,000 new robots reach the market. By revenue, the industrial robotics sector has a global market value of \$43.8 billion. Revenue in the North American robotics market is predicted to expand at a CAGR of 11.67% by 2026

Taking robots into account, several businesses will start using robots more to take advantage of greater productivity by optimising daily operations and

eliminating human error and that's how it will help in expanding the business capabilities.

Furthermore, achieving faster, more efficient production lines will help in the reduction of capital expenses which is connected with inventories and work in progress. When products move faster in production, organisations can simply predict the production pace and provide rapid and efficient services.

### **Other benefits**

**Safety:** Safety is the utmost requirement which is the most obvious advantage of utilizing robotics.

**Speed:** Robots have good concentration levels. They don't want breaks. The robot has the highest speed is 2 m/s or 4.5 mph. In the case of a human neuron which collects inputs from a synapse, processes it and transfers it to the next neuron in about 5 milliseconds. This means that the computer system is 125,000 times faster than the human neuron.

**Consistency:** The estimate of a heuristic function is said to be consistent, or monotone, if it is always less than or equal to the estimated distance from any neighbouring vertex to the target, plus the cost of reaching that neighbour.

**Perfection:** Be it AI or Robots, the output of the work will be more precise and high-quality work. They are exact and can rarely make mistakes than human labour. They can provide the results in a shorter period. They can work continuously in pauses, days off, or vacation time.

**Happier Employees:** The collaboration between robots and humans can minimise absenteeism. There is no match of robots in comparison to human workers. Not until the employees accept automation in their daily work and discover that their anxieties about robots stealing their jobs have reduced.

**Job Creation:** Various studies discovered that investing in robots improves work efficiency and quality, with lower prices frequently implying that there are more jobs available for their human counterparts.

### ***Relevance of the communication of robots and artificial Intelligence in contemporary India***

Contemporary India indicates a mixed culture of urbane, pro-urbane, and rural urbane under a specified structure of a systematic set-up. From human population is concerned with bringing the most devious plans to move towards progression. Whether the population face a challenge of decline, the purpose to exist on the planet earth gets relevant by proving their every step towards the progression. Although, under the early ages relevant human land, constant efforts of the respective authorities have proven rightful, just steps to save humanity.

But unfortunately, the population decline is also indicating a realistic thought that human errors are inescapable. Therefore, during the COVID-19 time, when humanity came under the radar of

various questions, the moving emotionally charged population made us desire a world of robots and artificial intelligence. When the mothers were crying for their children, fathers were searching earning to save their life from oxygen cylinders, somewhere a robotic world started shaping our depressed thoughts to accept and face the challenge.

Therefore, this time the progression is not about the empowerment of gender, class or creed, it is about the entirely new set-up consisting of robots and artificial intelligence.

**Cause and Effect relationship:** How robots can transform the human set-up

### **The desire for human touch**

**Cause:** The emergence of robots and artificial intelligence is the over-utilisation and over-exploitation of human resources on the pretext of sexual relations, thoughts, brains, ideas and their blood. This desire for human touch is leading to a world of a newly emerging thought of mechanised learning. Going by the increasing number of criminal statistics, the desire to touch a woman, man or child has led to pornography, trafficking and other barbaric crimes. The tormented souls and bodies have put a question mark on the relevance of human existence.

**Effect:** This humanity is crying out loud and screaming their heart out to understand their significance on the planet earth. This is leading to a new world of robots and mechanised learning to

eliminate the emotional and over-dramatic causes behind the human population decline.

### ***Emotional trauma***

**Cause:** A longstanding emotional trauma related to relationships or criminal act always make it difficult to fight their inner low esteem, low confidence and fearful behaviour. To understand emotional trauma, a person must understand these traumas to develop a strong-headed personality. The emotional trauma creates a cobweb in the mind that leads to depression, anxiety, stress and panic.

**Effect:** The robotic environment surrounds you with the most feasible mechanised learning. It not only paves the way for an alternative to know about your social standings which indicates your lonely attitude.

### ***Speaking skills***

**Cause:** Robots, one of the creations can provide you with the most charismatic conversation in your style. It has been observed several people have slurred, abusive and hesitated speeches which give them problems while speaking. These robots can also help you in giving the most versatile way of speaking. You can even change the language as per your choice. It can bring more information to you and solve complex problems to allow you to think creatively. **Effect:** The designed robot speaker and its behaviour are enough to make you understand your problems. This can improve your behaviour and performance. For effective robot speech, they can enhance your sensory perception which can

improve your performance and power of intelligence.

### ***No face***

**Cause:** Due to the increasing number of selfies, groupies and normal photos, unknowingly the world is heading towards a different world of many faces. This number of such faces is increasing at a very high rate. To overcome the identity crisis, being trapped under the illusion of a false identity many tend to lose contact with their self-consciousness. When all this contributes to a marathon of selfie contests, they forget about their security. A fearless attitude of uploading their photos on a social media platform that is a public space is leading to a large number of crimes. Because self-obsession makes them self-centred in the public space which makes them look sick. On the other hand, if your photo gets transferred to an obsessive disordered person, then it also contributes to crime as the person is continuously thinking and stalking the other person. Though it appears to be an alternative to getting fame in the public space after getting a million likes and shares if you're getting traced, all these factors contribute to serious mental illnesses. One such illness is related to delusion.

**Effect:** Robots allow you to look simple and mechanised because they don't have a burden to look good, to flaunt and to get trapped under the identity crisis. They are protected with the help of their coverings and they've got a systematic way of

productivity which can act as a weapon tool to minimise the use of humans.

## 5. Handicapped people

**Cause:** Computerised reactions can also lead to effective help for the handicapped. A person who has lost an arm or leg can take the help of robotic technology. A visually impaired person can also take advantage of robotic technology by verbally sending instructions. It is a great tool for mankind a sit will reduce manpower.

**Effect:** Besides this, a robot teacher can also inculcate a sense of learning power. A person can form real connections, socialise and share their brain's creativity as per their wish.

### *Capacity building of humans with robots*

The increasing human population decline necessitates the capacity building of humans with the help of robots. This population decline is also teaching us to go slow in our progressive approaches in this competitive environment as it is demanding beyond human capacity. As humans are not born perfect and perfection is acquired after a process of learning, improvement and experience, it is not possible to remain consistent every time whenever you look towards progression. This accomplishment of professional learning has always preoccupied them to improve their efficiency but their privacy is losing its relevance. Therefore, their capacity building receives errors

which question their significance as an incredible qualitative person.

On the other hand, the robots eliminate bathroom breaks as it is preoccupied with the algorithms to accomplish themselves faster and fastest but not slow or slower. Till now, effective solutions have come up and that is related to robo accountants, lawyers, pilots, driverless cars, tele surgery and online banking. But the human robot can increase their capacity and it can eliminate their work pressure which will be sharp, short and focused. It can act as a humble assistant to improve their psychological, social, economic and cultural relations by paving the way to their smart trick of lifestyle. The robots can be realistic and provide you with a sense of an artificial agent at your doorstep to assist you in every phase of your life.

**Health teacher:** The robotic machine can always live with you to live a comfortable life as it can track your health also by keeping a check on your heartbeat, blood pressure and skin problems. This can reduce your expenses on the various illnesses which can be cured easily. You can watch the images and videos instantly to form a meaningful relationship between the health teacher and the student.

**Lifestyle learning:** It can give you meaningful goals and evolve you as a less complicated human with the help of robotic elements. It can also help to eliminate their artificial inner life. It can make humans realise their existence as living organisms. With extensive memory, robots can provide you



with holistic development without investing much effort. It can enhance your data storage power and it's a perfect information provider.

## Problems

**Source of Power:** According to the engineers' perspective, the advanced capabilities can be enhanced only with the availability of enough electrical power and batteries to make them friendly assistance.

**Language and signs and symbols:** The robotic machine may face problems in understanding some local languages which are the language and also can't understand the sign and symbols.

**Costly:** These robotic machines are expensive in many places. But according to some websites, these robots are cheaper than the human workforce. According to a website, An industrial robotic arm will cost anywhere between \$25,000 and \$400,000

## Conclusion

Therefore, to become an effective learner, an experienced and healthy person, and a humble, modest and understanding robot assistant is not a utopian thought. Although the emergence of robots is an old concept it is required when it comes to saving a section of the population from the uncertain, uncalled and uninvited slow devastation. It can improve the possibilities of sensible organs in this ageing society. Human interaction and

communication can help target diseases to include them in civilization. The relationships can get improved and children can be raised properly under proper treatment. Although misuse of smartphones and social media is leading to some drastic consequences. But the presence of robotic machines around you will compel you to look forward to less suffocated lifestyle patterns. Thus, the effectiveness and efficiency of such robot machines are incomparable and there is no match. The communication between the robotic machine remains friendly, healthier, trusted and tested in a hassle-free environment.

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