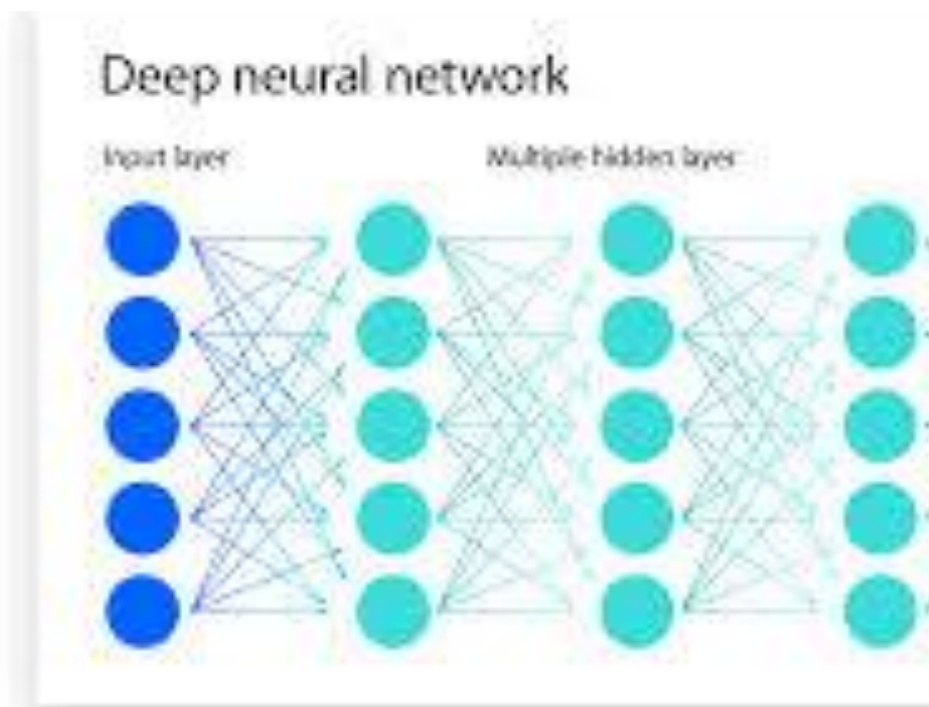


THE ADVENT OF AI FROM SCIFI TO REALITY

Artificial intelligence is the technological boon that is ubiquitous. It has its footprint and tentacles in almost all the domains one can think of. When the term 'artificial intelligence' was first introduced, no one ever imagined that one day, it would replace all the monotonous and heavy labour work performed by humans. The growth of the internet and its continuous evolution also helped in the exponential progress of technology. Emerging trends are fuelling the AI craze ranging from biometrics and computer vision to smart devices and self-driving cars and thus taking innovations to the next level. Our life in this modern age depends largely on computers. It is almost impossible to think about life without computers. We need computers in everything that we use in our daily lives.

Artificial Intelligence is the theory and development of computers, which imitates the human intelligence and senses, such as visual perception, speech recognition, decision-making, and translation between languages. Artificial Intelligence has brought a revolution in the world of technology.

The onus of this revolution goes to English mathematician and logician [Alan M. Turing](#). Turing originally conceived the machine as a [mathematical](#) tool that could infallibly recognize [undecidable propositions](#)—i.e., those



mathematical statements that, within a given formal axiom system, cannot

be shown to be either true or false. Turing proposed what subsequently became known as the [Turing test](#) as a [criterion](#) for whether an artificial computer is thinking (1950). In late 2022, the advent of [ChatGPT](#) reignited conversation about the likelihood that the components of the Turing test had been met.

John McCarthy, who is the Father of Artificial Intelligence, was a pioneer in the fields of AI. He not only is credited to be the founder of AI, but also one who coined the term Artificial Intelligence.

In 1955, John McCarthy coined the term Artificial Intelligence, which he proposed in the famous [Dartmouth conference in 1956](#). This conference attended by 10-computer scientists, saw McCarthy explore ways in which machines can learn and reason like humans.

The AI sensation that has caught the world is ChatGPT. ChatGPT is an Artificial Intelligence language model developed by OpenAI, a leading research



organization in the field of artificial intelligence. ChatGPT is part of a larger family of language models that have been trained on a massive amount of text data, allowing it to generate human-like responses to a wide range of inputs.

One of the most notable features of ChatGPT is its ability to generate text that is both coherent and fluent. This is due to its advanced neural network architecture, which allows it to capture the patterns and relationships in the text data it was trained on. .

AI is even spreading its tentacles in medical field. Elon Musk's controversial startup Neuralink has implanted a chip in a human brain for the first time, The operation took place recently and the patient was recovering well.

Musk's announcement could mark an important milestone for Neuralink's efforts to usher potentially life-transforming technology out of the lab and into the real world. The company had received approval to study the safety and functionality of its chip implant and surgical tools. According to Musk the founder of Neuralink. Neuralink's first product would be called Telepathy, according to Musk and the initial users will be people who have lost the use of their limbs.



Conclusion

Artificial Intelligence will bring a huge revolution in the history of mankind. Human civilization will flourish by amplifying human intelligence with artificial intelligence, as long as we manage to keep the technology beneficial

