

Reading 2

Skills:

- Details

Getting started: What kind of technological advances do you expect in the next decade?

FUTURE INVENTIONS THAT COULD EXIST BY 2050



Looking at the technology growth over the past decade, we can clearly see the massive progress we have made in terms of new technology and its applications in our everyday lives as well as in business. So, it is quite intriguing to see how future technology inventions 2050 could shape up for us, especially in business.

1. AI enabled robots

The current technology trends in 2020 seem bright in terms of humans working in parallel to robots. We constantly hear about AI taking away human jobs, but on the contrary, experts have stated that AI is expected to create up to three new job opportunities compensating one job that it takes. Which means we shall be able to witness high performance, efficiency, and accurate strategy and planning across major sectors.

2. Space tourism

SpaceX has already taken the lead in developing a sustainable space tourism model, and there are other competitors who are also working with this purpose. This is a huge project in terms of job creation opportunities, new business possibilities, and further marketing and sales opportunities that shall impact the top line of businesses substantially.

3. Self-driving cars

Here is one among many popular future technology ideas that are being widely researched and nearing implementation on a full scale. Self-driving cars have received a major boost owing to multiple positives that it arrives with. With machines taking over, a whole ecosystem of such cars can emerge, which is likely to result in fewer accidents, quicker transit times, and lower human fatigue, which will consequently impact business productivity positively. There is also the advertising opportunity where humans not involved in concentrating on the driving aspect will be able to focus on the advertising boards.

4. New sources of energy

With the impending global warming worries and the hunt for alternative and renewable sources of energy, the future technology timeline is expected to include improved efficiency of solar power generation, geothermal energy development, and decreasing thermal power plants. This allows for new business opportunities across the globe, and of course it will help the planet by lowering emissions and the levels of pollution.

5. Drone ecosystem

Drones are now very common devices, especially for surveillance and mapping purposes. Military applications of drones are also being highly sought after, and now companies like Amazon and Jubilant Foodworks are employing drones for the delivery of goods and food respectively. This is quite an insight into the future as drones might form the basic ecosystem of the entire logistics industry by 2050.

6. Virtual Reality

VR / AR is currently being explored in a lot of fields. However, from an absolute business point of view, some fields to be explored can include academics, transport, training, tourism, extreme sports, and especially entertainment. We will definitely see a lot of these applications by 2050.

7. Medical advancement with AI and nanobots

Nanobots are being extensively researched to detect and cure diseases, which includes direct drug delivery. Some more future technology ideas for 2050 include capturing human memories and emotions to create a forever surviving AI-based artificial body as a natural human. New drugs and artificial organs can also push the human lifespan and help end the dependency on donors.

**Adopted from <https://www.hitechnectar.com/blogs/future-technology-inventions-2050/>*

Glossary:

- **AR:** Augmented reality (AR) is a type of interactive, reality-based display environment that takes the capabilities of computer-generated display, sound, text and effects to enhance the user's real-world experience. Augmented reality combines real and computer-based scenes and images to deliver a unified but enhanced view of the world.

- **Nanobots:** Nanobots are robots that are microscopic in nature, measured largely on the scale of nanometers. They are currently in the research and development phase, but on realization they are expected to do specific tasks at the atomic, molecular and cellular level and help in bringing about many breakthroughs, especially in medical science.

Read the following statements. Write 1-7 depending on the section they refer to.

- a. This kind of technology will help prevent accidents and tiredness. _____
- b. Exploring other worlds will bring about new jobs and economic development. _____
- c. Not only will this be used in video games but also in education or risky activities. _____
- d. Introducing robotic aids doesn't mean less humans will be working. _____
- e. Man-made parts will help people live longer. _____
- f. Alternative forms of energy will benefit the Earth. _____
- g. There is not just one company developing tourism beyond the Earth. _____
- h. The implementation of this new technology is about to become a reality. _____
- i. Machines will be vital in all organizational processes. _____
- j. Smart machines will allow more accuracy and efficient processes in various industries. _____
- k. Miniature technology will help heal illnesses. _____
- l. This kind of technology is currently used for shipping merchandise. _____

What do you think?

Which of the predictions described in the text are more likely to occur?