**Positive impact of 5g technology on the World Economy**

5g network also points towards advanced communication. It is incredibly simple and quick for many people throughout the world to speak with one another. Using the positive **impact of 5G technology**, different parts of the world can be connected to each other

1**. Business Process Improvement**

Due to the positive **impact of 5-G technology**, business has improved tremendously and management methods. It has been revolutionized by foresight advertising business prosperity product marketing and customer service. 5G service is acting as a special connectivity secondary for mobile applications online distribution platforms online business platforms.

**2. Creating new capabilities:**

The 5G network is giving rise to new technological innovation capabilities. At the same time, the world is developing various autonomous vehicles for advanced transportation and also creating advanced robotics virtual reality smart city projects

**Negetive impact of 5g technology on the world economy**

With the advancement of 5G technology, there are some disadvantages which are discussed below

Limited coverage area :

5-G networks operate at higher frequencies i.e. 5-G networks can be deployed in areas where the frequency is higher. Therefore, deploying 5G services in rural and remote areas can be expensive

Infrastructure requirements:

Developing 5G network services requires many small cell towers and new infrastructure, which can be time-consuming and expensive.

**Health awareness:**

Many people have expressed concern about the high frequency electrical radiation used in the 5G network that could harm human health.

The decline of the industry:

5G technology can disrupt the activities of various industries today. As such, companies that only provide cable and broadband services may face competition from the 5G set of connections. Due to this negative **impact of 5-G technology** financial problems may arise in those companies.

As a result, various working employees in those companies may lose their jobs.

**Expensive Devices:**

To use the 5G service, a device that supports the 5G service is required. Devices with 5G network support can be significantly more expensive than older devices, making it impossible for some people to use these devices so that making it difficult to fully participate in the economics of 5G technology.

**Cyber Security Risks:**

5G networks around the world could create a new way for cyber attacks to connect. It is therefore important to secure devices connected to 5G networks so that hackers cannot exploit the vulnerability.

**Cost and affordability:**

5-G Technology may incur costs for both customers and service providers. The reason is that 5G network service providers need more coverage to improve 5G service which is costly.Customers need to get a 5G supported device to get 5G services which can be costly This may also increase costs.

These costs may affect the provision of various services and device prices, which may result in some individuals and communities being deprived of these 5g services.

It is important to note that, advances in Technology As 5G technology continues to evolve, various regulatory measures are being implemented to address these difficulties.

**The Positive impact of 5G technology on the Environment**

**Positive Effects:**

Smarter Resource Management:

5G network services support the development of smart cities. Promotes efficient use of resources such as water and transport systems.

Improved connectivity:

5G services reduce the need for travel and reduce carbon emissions through improved connectivity. Due to this positive **impact of 5-G technology** a healthy natural pollution free environment can be developed

**Negative impact:**

Increased Energy Consumption:

Deploying 5G networks requires a lot more energy which can impact the environment with higher carbon emissions.

Electronic waste:

1. Electronic waste refers to discarded electronic devices from mobile phones computers TVs and other gadgets.

2. These devices contain various valuable components as well as various harmful substances like mercury cadmium etc

3. If these e waste materials are not handled properly, they can later have a serious harmful effect on the environment

4. The production of e-waste is increasing due to the advent of 5G services.

As people update their devices to 5G, they make old devices obsolete and these old devices end up as electronic waste.

5. If these electronic wastes are not properly managed and made reusable, they can have serious harmful effects on the environment.

Behold the undeniable, far-reaching impact of 5G technology! Connectivity revolutionized, and life and work transformed. Blazing speeds, low latency, and vast capacity pave the way for IoT, AR, and autonomy. Vast potential, but infrastructure, cybersecurity, and privacy pose challenges. Industries reshaped - healthcare, transportation, entertainment, and education metamorphose. Unimaginable progress looms. Global rollout unfolds, empowering a connected future!