

Different Types of Technological Revolution

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DESCRIPTION

If one or more technologies are quickly replaced by brand-new ones, this is known as a technological revolution. It is a time of fast technological advancement, marked by breakthrough innovations whose quick adoption and spread generally result in a radical shift in society. The period between 1871 and 1914, commonly referred to as the Technological Revolution, was marked by the construction of massive railroad and telegraph networks that facilitated the speedier exchange of people, ideas, and electricity. Three stages can be distinguished in technological revolutions. The three stages are the power stage, permeation stage, and introduction stage.

Types of technological revolution

Digital, informational, and industrial revolutions are examples of technological revolutions.

Digital revolution: The transition from mechanical and analogue electronic technologies to digital electronics, which started in the final years of the 20th century, is referred to as the digital revolution (also known as the third industrial revolution). Through the digital revolution, previously impractical facts, articles, statistics, and other details may now be stored and tracked. According to historians, a significant portion of human history can be learned from actual artifacts that have been discovered or preserved, notably in written records. Everyone in society now leads easy lives thanks to the digital revolution.

Most people have smartphones and other mobile phones, making it easy to browse the internet. When users wish to share critical information with others, they even offer ways to get in touch with them right away.

Information revolution: The period of change known as the "information revolution" could have a huge impact on people's

lives. This transition is being driven by computer technology, and ongoing developments in this field appear to guarantee that this revolution will have an impact on people's lives. The most notable characteristics of the information revolution include a number of technological advances. In this instance, the foundation for economic transformation was set by advances in electronics and computer technology, as well as by significant advancements in telecommunications.

Despots can now utilize contemporary communications for their own ends thanks to the information revolution, which also empowers individuals. Free societies and economies are susceptible to electronic attacks on their computer systems and communication networks. Immediate advantages for individuals have resulted from the digital revolution, including improved convenience, free digital goods, and new leisure activities. Additionally, it has engendered a strong sense of social cohesion and world solidarity.

Industrial revolution: The shift from manual to machine production was known as the Industrial Revolution. In modern history, the Industrial Revolution was the transition from an agrarian and handicraft economy to one dominated by industry and machine production. These technological advancements brought about unique working and living arrangements and radically altered society. The fast urbanization, or influx of people into cities, brought about by the Industrial Revolution. Numerous individuals moved from fields to cities as a result of changes in farming, rapid population increase, and a growing need for employment. Small communities around coal or iron mines grew into cities almost immediately.

The Industrial Revolution has three main unfavorable outcomes. Some of the negative effects included soil contamination, water pollution, and air pollution, all of which significantly reduced life expectancy and quality of life. Separation of labor and capital was made worse by industrialization.

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Received: 15-Nov-2022, Manuscript No. JRD-22-20698; **Editor assigned:** 18-Nov-2022, PreQC No. JRD-22-20698 (PQ); **Reviewed:** 02-Dec-2022, QC No. JRD-22-20698; **Revised:** 09-Dec-2022, Manuscript No. JRD-22-20698 (R); **Published:** 16-Dec-2022, DOI: 10.35248/2311-3278.22.10.200

Citation: Dolfsma W (2022) Different Types of Technological Revolution. J Res Dev. 10:200

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