

THE ERA OF MODERN SOCIETY: HOW SCIENCE AND TECHNOLOGY SHAPE OUR LIVES

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In present global situation, the 21st century is known as the Era of Science and Technology where the modern societies exist. Science and technology makes a total difference from the way we live up to how our society works. In fact, it becomes the structural foundation of every developing and developed nation in the world (Alsaleh, 2024). Likewise, we need science and technology in various aspects of our life, be it in our daily living, communications, transportation, education, industry, etc. (Amri & Windiarti, 2025).

Science and technology helps enhance our standard living. It always directs easiness in our lives. In such a way, it lessens the workload of the things we do, which is a good thing and favorable for us. It provides a kind of life that we cannot imagine where almost everything is a gift.

In our transportation scenario, with the application of science and technology, we can now travel on land, across the waters, and through the air. Exchange of goods and services inside or outside of each nation is pretty much convenient. Thus, economic progress of a nation is marked as they continue to prosper in science and technology.

Furthermore, it also influences the development of security within a community. With its application, it is now easier for law enforcers to keep crime under surveillance and do their sworn duty using CCTV and other security systems. In that way, peace and harmony of society can be done to bring stable order which are necessary for the development of mankind and nation.

Today, through the emergence of modern gadgets like cellphones, computers, and wireless fidelity, connectivity around the world is possible. Transactions and business conferences can be done online to suit the unexpected scenarios.

Similarly, science and technology makes a total difference in how our education system works. It provides a discipline beyond what humanities expected to acquire. With the help of science and technology, we continue to nurture ourselves as we build our nation. Moreover, science and technology have made an impact in the sectors of agriculture, industry, and medicine. Farmers' traditional ways of planting have improved, which in turn enhanced the production of their crops. Work within the industry can be done with less manpower through the help of high-tech equipment and machinery. Various medical breakthroughs provide cures to diseases that were once considered incurable.

Without science and technology as a rapid tool for development, the advancement and benefits brought by it would not be possible. Indeed, nations labeled as developed are the ones who used science and technology as their foundation. On the other hand, nations that did not invest in these areas most likely depend on other nations to provide their needs and are categorized as undeveloped.

To summarize, science and technology is a cultural reality we could not escape. It becomes an important part of our lives that we cannot do things well without its application. With functional usage, growth and stability of a nation could be attained. Modernization is concrete evidence that a nation has integrated science and technology into its society. We as citizens, who have the responsibility to provide the best for the growth of our nation, must nurture our youth. Youth are not just youth—they are the future of our nation and hold the power to make a nation progress from what it is today.

References:

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