HS102 : SCIENCE, TECHNOLOGY AND SOCIETY

TERM PAPER

Impact of Technology on Indian Society

Science and Technology has played a major role in all the aspects of human life from the very beginning of humankind. Imagine the time when we didn’t have wheels, we needed to walk to every place. With the advancement in technology, we can now travel across borders without much of human effort and time.

The society, especially Indian society, has taken a massive leap in the past two decades when it comes to technological development. I will be discussing the changes that I have encountered growing up in different aspects of life.

Communication – Till the late 90’s, not a very large Indian population was introduced with the Internet. In fact, percentage of people having mobile phones was very low. Communicating was time-taking and costly. Today, you can connect to anyone in the world without spending a lot of money and time. Had these technologies not been introduced to us, the online education system would not have been possible and our education might have come to a halt in this COVID time. With the ease in communication, crimes such as frauds are also increased.

Digital Payments – The digitalization of money was not a very coined term among Indians until 2015. Today, even the hawkers accept digital payments. India has encountered a digital revolution in the past five years. The percentage of people shopping online, ordering food and investing online has significantly increased in the past five years.

Social Media – It has created a major impact on the society but it has significant disadvantages too. It has made possible the propagation of news and data effective. But anybody can share anything, and one should be careful about the authenticity of the content they are viewing. Promoting fake news is a major threat among the Indian society in past few years. This has created a polarization among the public.

In short, humans are advancing in every field with the gift of technology. But we must be vigilant for the dangerous threats that this advancement possess. Transportation has become easier but we may lose our fossil reserves in the near future. Factories have provided a lot of finished goods but they also pollute the ecosystem. With increasing urbanization, refilling of the groundwater has declined and according to Niti Aayog’s 2018 report, 21 major Indian cities are facing a threat of losing out their groundwater reserves. To conclude, technology is a great resource for humans but we must ensure that it is sustainable.

REFERENCES

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