

THE IMPORTANCE OF SOCIAL JUSTICE AND TECHNOLOGICAL JUSTICE IN THE DEVELOPMENT OF MODERN TECHNOLOGIES

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ABSTRACT

In today's rapidly advancing world, technology plays a pivotal role in shaping our societies and economies. As we embrace innovation and progress, it is essential to consider the principles of social justice and technological justice. These principles are not mere ideals; they are the cornerstones upon which a fair, inclusive, and sustainable future can be built.

Keywords: social reality, political philosophy, technical philosophy, technological empire, compensation, evolutionary law.

Introduction

Social justice advocates for equal rights, opportunities, and treatment for all individuals, irrespective of their background. In the realm of technology, social justice implies that advancements should benefit everyone, leaving no one behind. One of the primary goals of social justice in technology is to bridge the digital divide. This divide encompasses disparities in internet access, digital literacy, and technological opportunities. By ensuring equal access to technology, we empower marginalized communities, providing them with tools to enhance education, healthcare, and economic prospects.

Furthermore, social justice emphasizes the importance of ethical considerations in technological development. As artificial intelligence and algorithms become increasingly prevalent, it is crucial to address biases within these systems. Biased algorithms can perpetuate societal prejudices, leading to unfair treatment in areas like criminal justice, employment, and finance. By prioritizing ethical practices, we can develop technologies that reflect our shared values of fairness and justice.

Technological Justice: Technological justice complements social justice by focusing on the equitable distribution of technological benefits. It emphasizes the need for environmentally sustainable technologies that do not harm our planet. As the global community grapples with climate change, developing eco-friendly technologies is not a choice but a necessity. Sustainable innovations can mitigate environmental damage and pave the way for a greener future.

Moreover, technological justice stresses the importance of global access to technology. In an interconnected world, it is imperative to bridge not only the digital divide within nations but also between developed and developing countries. Initiatives aimed at providing technology and knowledge to underserved regions can catalyze social and economic development, fostering international cooperation and understanding.

Cultural sensitivity is another vital aspect of technological justice. Different cultures have diverse needs, values, and preferences. Technological innovations should be developed with an understanding of these cultural nuances. Respecting cultural diversity ensures that technology

is accepted and embraced by various communities, leading to more meaningful and inclusive advancements.

The importance of social justice and technological justice in the development of modern technologies cannot be overstated. Both concepts are crucial for creating a fair and equitable society that benefits all its members. Let's explore why each of these aspects is essential:

Social Justice:

Equality and Fairness: Social justice ensures that everyone has equal opportunities and access to resources, regardless of their background, gender, ethnicity, or socioeconomic status. In the context of technology, this means making sure that advancements are accessible to all, bridging the digital divide and ensuring equal access to information and opportunities.

Inclusivity: Social justice promotes inclusivity by considering the needs of marginalized communities. In technology, this translates to creating products and services that are usable and beneficial for people from diverse backgrounds and abilities.

Ethical Considerations: Social justice emphasizes ethical decision-making. It encourages the development of technologies that align with ethical principles, respecting privacy, autonomy, and dignity of individuals. Ethical considerations are vital, especially in areas like artificial intelligence, where decisions made by algorithms can have significant social implications.

Addressing Bias: Social justice advocates for identifying and rectifying biases in technology. Algorithms and data used in technologies can inherit biases present in society. Addressing these biases is crucial to ensure that technological advancements do not perpetuate existing social inequalities.

Technological Justice:

Equitable Distribution: Technological justice focuses on the fair distribution of the benefits and burdens of technology. It advocates for making technology accessible and affordable to all, ensuring that advancements do not disproportionately benefit certain groups while leaving others disadvantaged.

Environmental Sustainability: Technological justice considers the environmental impact of technologies. Sustainable development is a key component, ensuring that technological advancements do not harm the environment and future generations. Green technologies and sustainable practices are essential for the well-being of the planet and its inhabitants.

Global Access: Technological justice also extends globally, emphasizing the importance of bridging the digital divide not only within nations but also between developed and developing countries. It promotes initiatives that provide access to technology and knowledge in underserved regions, fostering global collaboration and understanding.

Cultural Sensitivity: Technologies should be developed with an understanding of different cultures and their unique needs. Respecting cultural diversity ensures that technology is adopted and utilized effectively across various communities, avoiding cultural imposition and fostering mutual respect.

In summary, integrating social justice and technological justice into the development of modern technologies is essential for creating a more equitable, inclusive, and sustainable society. By considering these principles, we can harness the power of technology to uplift communities, bridge societal gaps, and create a better future for all.

CONCLUSION

The integration of social justice and technological justice into the development of modern technologies is not just a moral imperative but a strategic necessity. Embracing these principles ensures that the benefits of technology are accessible to all, regardless of their background or location. By championing fairness, inclusivity, and sustainability, we can harness the full potential of technology to create a better world for present and future generations.

REFERENCES

1. Тешабоев, М. (2017, March). Особенности становления и развития информационного общества. In Перспективные информационные технологии (ПИТ 2017)[Электронный ресурс]: Междунар. науч.-техн. конф (pp. 14-16).
2. Teshaboev, M. (2021). Moral Upbringing In Educational Sphere. *The American Journal of Social Science and Education Innovations*, 3(06), 180-184.
3. Teshaboev M. M. PRINCIPLES OF RELIGIOUS CULTURE AND PRINCIPLES OF CONSEQUENCES OF IMPLEMENTATION //Theoretical & Applied Science. – 2019. – №. 10. – С. 669-672
4. Teshaboev M. M. Tasks of ethical culture in the ethics of Aristotle //Scientific Bulletin of Namangan State University. – 2019. – Т. 1. – №. 5. – С. 197-204.
5. Teshaboev M. M. PROSPECTS FOR IMPROVING THE QUALITY OF EDUCATION AND EDUCATION WITHOUT CORRUPTION IN THE NEW UZBEKISTAN //Research Focus. – 2023. – Т. 2. – №. 1. – С. 534-541.
6. Тешабоев М. М. ЖАМИЯТДА ИЖТИМОЙЎ АДОЛАТНИ ТАЪМИНЛАШНИНГ ПРИНЦИПАЛ МАСАЛАЛАРИ ВА ФАЛСАФИЙ-ҲУҚУҚИЙ МУАММОЛАРИ //Oriental renaissance: Innovative, educational, natural and social sciences. – 2022. – Т. 2. – №. Special Issue 23. – С. 504-514.
7. Teshaboev M., Karimov U. THE ROLE OF ETHICAL EDUCATION IN INCREASING THE EFFICIENCY OF EDUCATION //Oriental Journal of Social Sciences. – 2022. – Т. 2. – №. 02. – С. 32-43.
8. Sodikova M. EFFECTIVE METHODS OF TEACHING HISTORY //НАУКА И ТЕХНИКА. МИРОВЫЕ ИССЛЕДОВАНИЯ. – 2020. – С. 29-31.
9. Sadikova M. OPTIMIZATION OF THE BUSINESS PROCESS AS ONE OF THE MAIN TASKS IN MODERN MANAGEMENT //Теория и практика современной науки. – 2022. – №. 9 (87). – С. 3-7.
10. Sadikova Munira Alisherovna. (2023). DISADVANTAGES OF TEACHING PROGRAMMING IN DISTANCE EDUCATION. *Intent Research Scientific Journal*, 2(10), 26–33. Retrieved from
11. Alisherovna S. M. WAYS TO WRITE CODE ON ANDROID DEVICES //American Journal of Technology and Applied Sciences. – 2023. – Т. 17. – С. 39-42.
12. Sodikova M. MOBIL QURILMALAR ISHLAB CHIQUISH FANINI O 'QITISHDA SUN'IY INTELLEKTNING ROLI //Research and implementation. – 2023. – Т. 1. – №. 2. – С. 79-83.