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Education Plus

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Education in 2022: 4 things to look forward to and how it is going to be different from previous year

The year 2022 will put more emphasis on the NEP, which gives additional impetus to vocational education by introducing vocational subjects and training at school levels.

Today we are only making children learn facts and figures. In order to make them future-ready, we need to focus on making education more employable. We firstly need to reach every nook and corner of the country with better infrastructure and technological integration.



Skill Development



Meta-verse or 'mirror world', or the 'special Internet', or even the 'AR cloud', a virtual learning

Experience with enhanced physical reality, is the future of education in the coming years. Online learning will be more real with the help of metaverse, which involves the concept of Augmented and Virtual Reality (AR & VR).



Blockchain in education for data security

The use of blockchain in education is still in its nascent stage, but the future seems to come closer to using blockchain as a tool for data security. Gartner's survey of 2019 reveals that in the next two years almost 20% of higher educational institutes will be using blockchain. It will help streamline the tedious process of verification, transferring records, employee records, students' unique credentials, making the process easier and error-free.

Free digitalized teaching and learning materials, to be referred to as open educational resources, would be essential for increasing learning access to global learners. This is in alignment with supporting the UN's Sustainable Development Goal 4, as Blockchain will play a significant role in ensuring inclusiveness and equitable quality education across the globe, for promoting lifelong learning opportunities across all age groups.

Technology is being recognized as part of strategic development goals for inclusive education. Blockchain, makes it possible to provide cost-effective information, and makes it available for standardization of quality educational content internationally. It is evident that adopting innovative technologies such as the blockchain can help in the effective planning of operations and resource utilization in education.



Safeguarding innovations with IPR

The Covid-19 pandemic exposed the limitations of countries in handling education. Institutions globally which switched to digitalization of education with online learning began to examine their long-term strategies.

Hence, innovative technologies such as deep learning, machine learning, artificial intelligence (AI), and virtual reality and blockchain are part of the hybrid blended learning to support learners during this crisis. In particular, all the innovations as blockchain technology have the potential to revolutionize education.

The focus on research and innovation will be ongoing with IPR playing a crucial role in securing the product.

Due to the sudden pandemic scenario, educational institutions have employed IT teams to come up with many innovative features. There is a higher degree of data leakage, as you approach IPR for the competitiveness that institutions can claim to have an edge over each other. Blockchain is a decentralized technology, which includes impenetrable information infrastructure, transparency, and cryptographic encryption tools.

The student engagement interface is higher along with the knowledge dissemination being far more student friendly.

Conclusion

However, technology takes over learning. What remains at heart is empathy, kindness, and the virtue of giving back to society. The pandemic made children sit at home without a social life. Nevertheless, the year 2022 will open children to the real world with more kindness as they will understand the value of a lot of many people whom they missed all through their home studies.