

Perspective

Socialization of technology in agriculture

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INTRODUCTION

Agriculture has always been an essential topic to discuss. More over half of the world's population is dependent on agriculture. This has always been the most important field to deal with, particularly when it comes to the benefit of the rural sector or urban regions. While rising socialization into agricultural technology boosts the country's progress. The influence of technological socialization on agriculture is occasionally beneficial to output. We have seen that technology has done excellent job in various industries, including agriculture, which has witnessed a significant increase.

The agricultural industry has expanded significantly as a result of remarkable technology breakthroughs that assist this sector in numerous ways. Agriculture has been greatly influenced by technology. It also grows to generate more methodically and to perform simple functions. The agriculture business expands methodically and quickly by making it more productive and user-friendly. Modern farming technology such as filters and digital formalization are the most effective in use.

DESCRIPTION

When technology is introduced into the agricultural industry, the scope and results improve. It is also the finest option for farmers who are interested in improved chances for the future. The evolution of modern agricultural machinery aids in the development of a network for producers. It is true that the advancement of technology in agriculture has proven to be the most beneficial source of information and socializing. This technology procures in growing the agriculture business and thinks about numerous advances and technological requirement from time to time. For a successful agricultural system, numerous technologies and improvements must be prioritized. It is also an excellent chance for farmers to develop their

agribusiness and make farming more efficient and productive by utilizing various technology apps *via* mobile phones and other electric machinery or implements. The collaboration of agricultural researchers, intellectuals, and agriculture government agencies always results in technological advances for improved farming growth and production of a wide range of crops. In the agricultural industry, there is also a growing and significant demand for food and other sorts of crops. The ministry of agriculture is always working on important issues for the systematized agriculture growth system. Technology, on the other hand, aids agriculture by eliminating any loss due to climate, global warming challenges that make farming unpredictable. The most recent agricultural technology also introduces new ways of handling farming operations in a digital format. The new digital form provides a source of structure and a simple networking mechanism. The technology aids in crop yields and agricultural production processes.

Need for technology socialization in agriculture

Technology has altered the entire agricultural system by bringing new techniques and approaches in sectors such as pesticides, fertilisers, seed technology, and so on. Mechanization facilitates effective tilling and harvesting while also reducing manual labour. Technology has also enhanced irrigation methods, agricultural transportation networks, quick and processing gear that aids in waste reduction, and other apparent consequences. Precision agriculture, robots, and other new age technology are also focusing on enhancing agriculture in new ways. The following new agricultural innovations have increased:

Artificial intelligence that aids in climate/weather forecasting: The application of artificial intelligence is a sophisticated approach in agriculture for assisting, gathering, and taking various actions for weather or climatic information. Machines such as drones and remote sensors collect critical information such as temperature, soil, rainfall, humidity, and so on.

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Technology can assist India's foreign exchange and strengthen the country's economy.

CONCLUSION

When technology advances for the benefit of farmers, productivity rises. When it comes to labour and mechanization, technology works differently and more cheaply by lowering cost and time. While technology aids in several ways, such as providing detailed weather forecasting information, farm drones, phase tracking, automated watering, and so on.