

Pharma Industry Outlook: Post Covid Prospects of Pharma Manufacturing

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ABSTRACT

Keywords:

1.Introduction

As India is popularly known for the phrase “Pharma of the World”. The COVID 19 pandemic caused a lot of economic meltdown and has been the deepest ever, globally. The manufacturing sector has also not been left out of this panorama since the economic catastrophe. Especially in the pharma manufacturing and supply chain, affected across the country whether national or border trade. Many issues were faced due to suspending flights whether (national and international) and so on, thereby introducing quarantine zones at designated ports as measures to contain and/or control any suspected cases. Although the industry was known to lag behind in the technology transformation but today the marketers are creating the need for transformation in the knowledge, attitude and practices of pharma manufacturing. This has brought a huge impact on the cross border change like inadequate and inaccessible emergency supplies of COVID 19 lifesaving material. Increased insecurity of food, through the border disruptions, from supply and production to distributions and delivery, exacerbated by this pandemic. Escalating prices on items across different cities and corridors, that becomes a threat to different phases of manufacturing in the pharmaceutical industry. Loss of income to small scale traders and start-ups within the country, which was a source of generation of income to the small scale industries in communities and many more.

2. Method

Initially 2070 articles after applying advance search with all the words, and with the exact phrase resulted, where the words occur anywhere in the article gave resulted to 4 articles “POST COVID PROSPECTS OF PHARMA MANUFACTURING "pharma manufacturing"”.

3. Prospects of Pharma Manufacturing

The lockdown of the great manufacturing hub previously due to pandemic is up and running now. International supply chains are up again, between India and close allies like US drug supplies are well and running among other associates. Which has caused the world's biggest generics and active pharmaceutical ingredient (API) providers have factories up again. A manufacturing campus in Baddi, India—responsible for 35% to 40% of the nation's pharmaceutical output—is back online after being locked down as part of a COVID-19 containment zone earlier this month. Government has opened lines to help keep facilities up and running. With lock down eased at all levels, allowed inter and intra state, district and national lines are all opened. Bloomberg reported the Indian government has escalated the domestic production of pharma ingredients that was hampered by the pandemic. Plans on investing \$1.3 billion in domestic pharmaceutical producers and potentially reviving state-run companies to ramp up cheap generic production. Pharma of the world does not just come cheaply making India the 3rd largest market in the world by its volume, fulfilling almost more than half of the total demand of vaccines. Although lags behind in drug discovery of molecules. Policy push and implementation to produce drugs by encouraging pharma companies to redefine their standard of procedures [SOPs]. Hence started implementation of APIs at local levels and boosting drug discovery.

4. Conclusion

It is concluded that with the implementation of Active Pharmaceutical Ingredient and Standard Operating Procedures to produce quality drugs, Indian Pharmaceutical Industry has the potential to become the largest market of Pharmaceutical Products in the world.

References

- [1] Banga K, Keane J, Mendez-Parra M, Pettinotti L, Sommer L. Africa trade and Covid-19.
- [2] Simler C. What is the impact of investing in manufacturing?
- [3] Goltsev AM, Fuller BJ, Bondarovich MO, Babenko NM, Gaevska YO, Buriak IA, Dubrava TG, Yampolska KY, Lutsenko OD, Ostankov MV. COVID-19 as a Potential Target for Cryobiology and Cryomedicine. Problems of Cryobiology and Cryomedicine. 2020; 30(2):107-31.
- [4] Times of India Available from cited on 14/01/2021 <https://timesofindia.indiatimes.com/blogs/voices/indian-pharmas-twin-objectives-in-post-covid-world-boosting-drug-discovery-and-localising-api-production..>