



EMERGING TRENDS OF NOVEL CORONA VIRUS PANDEMIC IN INDIA-ISSUES AND CHALLENGES

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ABSTRACT

The very disease found in Wuhan, China, in December 2019 ie., the covid 19 pandemic is a serious health challenge, which is a pandemic occurred by corona virus. The disease caused by serious respiratory disease ie., SARS –COV-2. As of 4 May 2022, the pandemic had caused more than 515 million cases and 6.24 million deaths,(WHO). COVID-19 symptoms are fever, dry cough, and fatigue. As of 4 May 2022, more than 6.24 million deaths had been attributed to COVID-19. Preventive measures to reduce the chances of infection include getting vaccinated of covaxin, covishield, staying at home, wearing a mask in public, avoiding crowded places, keeping distance from others, ventilating indoor spaces, managing potential exposure duration washing hands with soap and water often and for at least twenty seconds, practising good respiratory hygiene, and avoiding touching the eyes, nose, or mouth with unwashed hands. Those diagnosed with COVID-19 or who believe they may be infected are advised by the CDC to stay home except to get medical care, call ahead before visiting a healthcare provider, wear a face mask before entering the healthcare provider's office and when in any room or vehicle with another person, cover coughs and sneezes with a tissue, regularly wash hands with soap and water and avoid sharing personal household items. Methodology: To examine the emerging trends of Covid 19 pandemic in India. Nature and source of data: The study conducted with the help of primary as well as secondary data. Implications of the study: It is possible to get knowledge about the number of covid deaths, discharge and recovery rates. Limitation of the study: The study made only in Tumkur city. Hence the results are applicable to those areas where similar conditions prevail. Conclusion: Those diagnosed with COVID-19 or who believe they may be infected are advised by the CDC to stay home except to get medical care, call ahead before visiting a healthcare provider, wear a face mask before entering the healthcare provider's office and when in any room or vehicle with another person, cover coughs and sneezes with a tissue, regularly wash hands with soap and use sanitizer to clean the hands. (World Health Organisation).

KEY WORDS: Novel corona virus, covid deaths, discharge rates, recovery rates,

FULL PAPER

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METHODOLOGY

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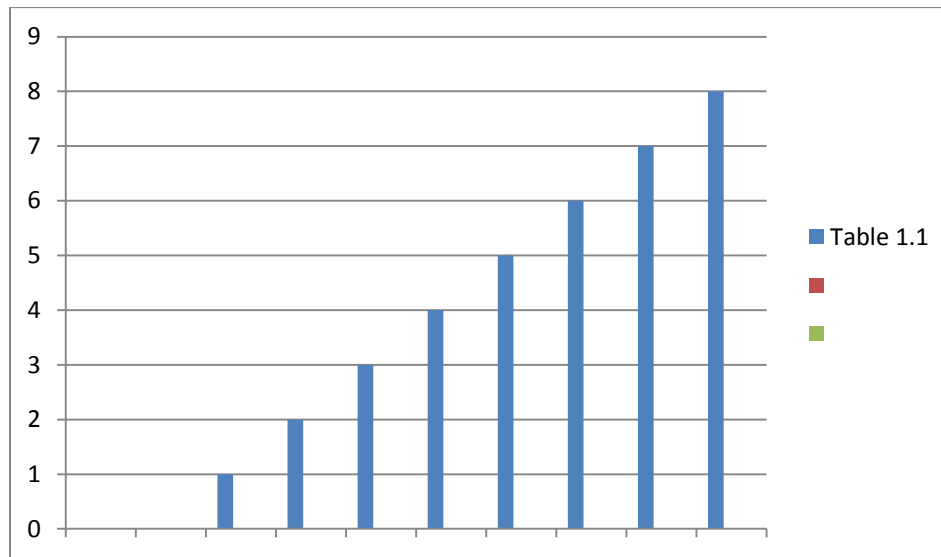
ANALYSIS OF THE RESULTS

Coronavirus disease (COVID-19) is an very infectious disease which is caused by the SARS-CoV-2 virus. Majority of the people infected with the virus will experience mild to moderate respiratory illness which cause death in few serious cases. 7.1 percent in 2023-2024, which would make India the fastest growing major economy in the world for all 3years (As per IMF's latest World Economic Outlook projections).

Table 1.1
Estimates of 2021-22 and 2022-23.

SI No	Particulars	Per cent
1.	India's real GDP projected to grow	9 percent
2.	Agriculture and allied sectors expected to grow	3.9 percent
3.	Industry	11.8 percent
4.	Services sector	8.2 percent
5.	On demand side, consumption estimated to grow	7.0 percent
6.	Gross Fixed Capital Formation (GFCF)	15 percent
7.	Exports	16.5 percent
8.	Imports	29.4 percent

Source: Economic Survey 2021-22



With the enhanced borrowings on account of COVID-19, the Central Government debt has gone up from 49.1 percent of GDP in 2019-20 to 59.3 percent of GDP in 2020-21.

It is clear from the above mentioned table that India's real GDP projected to grow 9 per cent. Agriculture and allied sectors expected to grow at 3.9 per cent. Industry has recorded 11.8 per cent. Services sector has recorded 8.2 per cent. On demand side , consumption estimated to grow 7 per cent. Gross fixed capital formation has recorded 15 per cent. Exports has recorded 16.5 per cent. Imports has recorded 29.4 per cent.



Table 1.2
Issue of covid 19 cases in India.

Reported cases	Discharged	Deaths
16,400	4,25,84,710	5,24,250

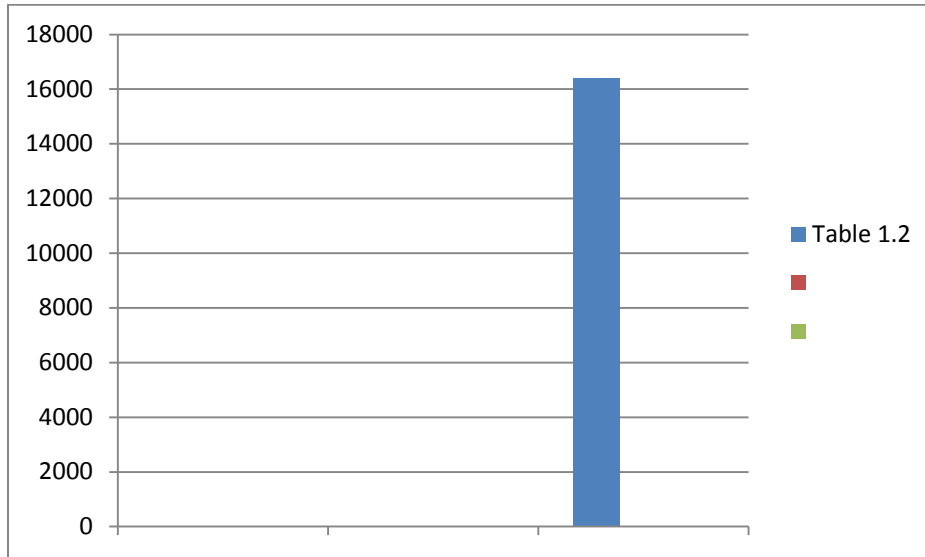
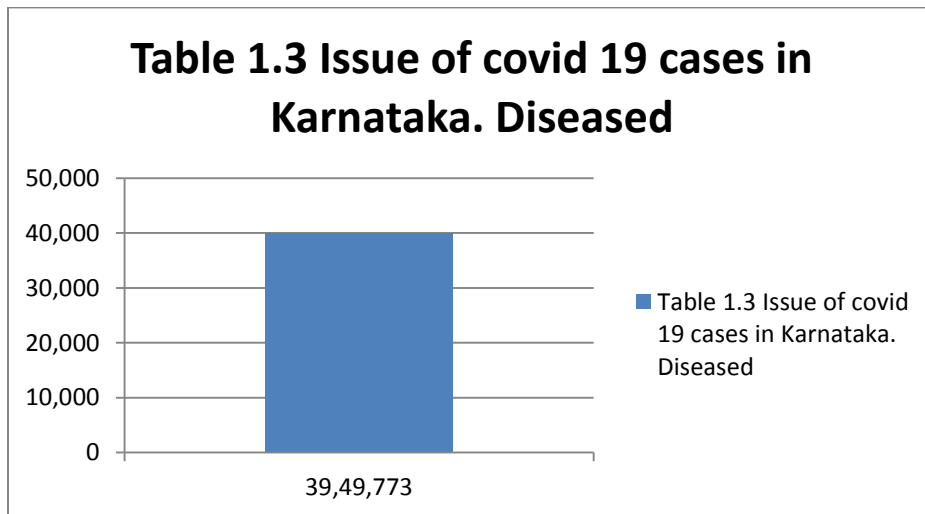


Table 1.3
Issue of covid 19 cases in Karnataka.

Confirmed	Active	Recovered	Diseased
39,49,773	1,840	39,07,828	40,063

Source: World Health Organization.

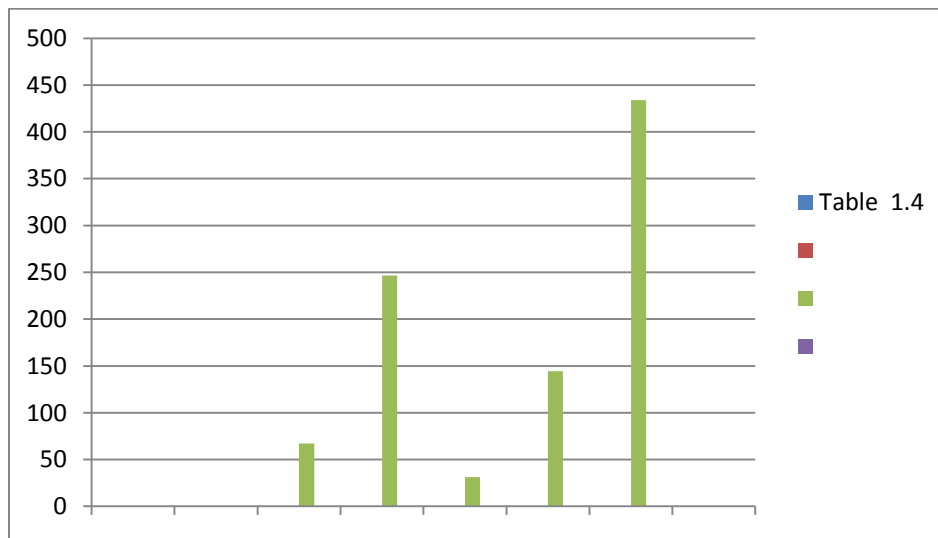


In Karnataka, confirmed cases 39,49,773. Active cases 1,840. Recovered cases 39,07,828. Diseased cases 40,063. Because of the vaccination the severity of the disease decreased.

**Table 1.4**
World wide strategies of Covid 19 issues.

Location	Confirmed cases	Cases per 1000 people	Deaths
Worldwide	51,80,70,153	67.11	62,57,129
United States of America	8,16,18,866	246.58	9,92,289
India	4,31,23,801	31.25	5,24,241
Brazil	3,06,82,094	144.35	6,64,872
France	2,83,28,294	433.99	1,44,017

Source: World Health Organization.



It is clear from the above table that worldwide confirmed cases has recorded 51,80,70,153. Worldwide Confirmed case per 1000 people has recorded 67.11. Worldwide deaths has recorded 62,57,129. In United States of America Confirmed cases has recorded 8,16,18,866. Cases per 1000 people has recorded 246.58, Deaths has recorded 9,92,289. In India Confirmed cases has recorded 4,31,23,801, Cases per 1000 people has recorded 31.25, Deaths has recorded 5,24,241. In Brazil Confirmed cases has recorded 3,06,82,094, Cases per 1000 people has recorded 144.35, Deaths has recorded 6,64,872. In France, Confirmed cases has recorded 2,83,28,294, Cases per 1000 people has recorded 433.99 and deaths has recorded 1,44,017.

CONCLUSION

As a result of the vaccination for covid disease I hope in the global level and in India surely overcome the problem of corona disease. Central and State Governments took proper initiation to overcome the problem of corona disease by giving awareness to wear mask, to use sanitizer to hands, to maintain physical and social distance. As a result of that Corona disease reduced which is most welcoming factor to overcome the problem of health challenge so as to expect good performance of Indian economy and Karnataka state with special reference to all the districts especially Tumkur district.

Those diagnosed with COVID-19 or who believe they may be infected are advised by the CDC to stay home except to get medical care, call ahead before visiting a healthcare provider, wear a face mask before entering the healthcare provider's office and when in any room or vehicle with another person, cover coughs and sneezes with a tissue, regularly wash hands with soap and use sanitizer to clean the hands. (World Health Organisation).

Amid fresh COVID-19 concerns in different parts of the country and apprehensions about a possible fourth wave of the pandemic, the Karnataka government very recently decided to issue guidelines making wearing face masks and maintaining social distancing compulsory. The decision was taken at a meeting headed by Chief Minister Basavaraj Bommai with senior ministers, officials and the COVID-19 technical advisory committee consisting of experts to review the situation in the state amid concerns.



India recently reported 3,998 COVID-19 deaths in a single day, the country's highest death toll in a month, indicating that a third wave is imminent. Some models estimate that India's total COVID-19 death toll could be 10 to 15 times higher than official government estimates. Thus, single-day deaths may also be much higher than currently reported. With newly diagnosed infections hovering above 40,000 each day, Project HOPE warns that the country must immediately prepare to mitigate the effects of the new wave marked by the wide circulation of the more deadly Delta variant and should continue implementing public health and safety measures.

There are four States where COVID 19 numbers are still very high. Kerala, Karnataka, Tamil Nadu and Maharashtra, Telangana and Andhra Pradesh. A new COVID 19 wave could be even higher mortality rates.

Medical experts have opined that a new COVID 19 wave could be even more dangerous with even higher mortality rates. Expert called as COVID-Delta as the Delta variant takes less time to go to extremes.

To overcome the covid 19 pandemic, people should be aware about the prevention is better than cure. People should maintain social and physical distance and they should use sanitizer regularly and people should wear face mask. Then only it is possible to prevent the disease.

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