

**Review Article**

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**Impacts of Global Pandemic of COVID -19 on Environment, Society and Economy**

**Dr. Narendra Singh, M.B.B.S., M.D. (Medicine)**

Physician (Department of Medicine) Under CMO Barabanki and COVID Hospital in District Hospital, Barabanki, Uttar Pradesh, India.

E-mail: [narendrasingh0011@gmail.com](mailto:narendrasingh0011@gmail.com)

**Introduction**

COVID 19 infection was started from CHINA (WUHAN CITY) and all countries of world are affected by this COVID 19. This is positive single stranded RNA virus. It enters in body through air droplets which come from the infected patient through sneezing and coughing. It preserves its infectivity for long duration after settled down on surfaces. The droplets containing infective virus can spread upto the one meter by coughing and sneezing and contact of surface at which virus fell down in the form of droplets are the only way of infection. Therefore for prevention of the spread of virus is the isolation of the patient and at community level social distancing as there is no definitive treatment is available till date. So many COUNTRIES OF WORLD have decided to LOCKDOWN and JANATA CURFEW as a whole. The Corona virus COVID -19 is affecting 212 countries and territories around the world. In world COVID -19 virus infected cases are 4287176 and death due to COVID-19 are 288239 and recovered cases are 1544701 in which USA is having highest cases. In India COVID-19 virus cases are 71566 and death are 2311 and recovered cases are 23090 in which highest cases are in Maharashtra and minimum cases are in Mizoram. The incubation period of COVID-19 is about 2 to 14 days. During lockdown the infectivity of COVID 19 is about 2.5 people because there is no definite treatment is present till now it is better to prevent from infection. for prevention there is adaptation of Indian ancient culture that is best as stop hug to one another and hand shaking when meeting in

any place instead do Namaste and Pranam with both hand and give them respect with bending his head and maintained distance and stop gathering Start eating vegetable and green leafy vegetable and some vegetarian diet instead of eating meat, fish and other meat made food items.

During lockdown the environmental pollution decreased and level of pollutant in environment decreased. India is 21 of world most 30 polluted city. All mode of public transport such as Metro Train, buses, Interstate-Trains, domestic flights and International flights stopped. Because of above air was unhealthy as 91 micrograms per cubic meter of PM 2.5 that is dropped to 71 micrograms per cubic meter. Data from the Central pollution control board of India that 71 % decreases in Nitrogen dioxide level. On march 25 first day of the lockdown the average PM levels decrease by 22% and nitrogen dioxide which come from burning fossil fuels dropped by 15%. Measurements from the European Space Agency, sentinel -5 p satellites show that during late January and early February 2020, level of Nitrogen dioxide (NO<sub>2</sub>) over cities and industrial area in ASEA and EUROPE were lower than in the same period in 2019. Two week after nation wise lockdown in the UK. NO<sub>2</sub> pollution in many cities fell as 60% but in USA and other metropolitan areas in north- eastern USA was 30% lower. Emission of green house gases in environment is also reduced. During this period the carbon emission is decreased and also nitrogen dioxide per week reduced.

COVID-19 virus Induced lockdown continuously, the water quality of Ganges and Yamuna River has improved significantly in the areas with reduced industrial activities. River Ganges water quality has improved with the increase in dissolve oxygen (DO) and reduced nitrate concentration. There has been a 40%-50% improvement in quality of water in River Ganges All river in world has improved the quality of water and also become clean and clear.

Kolkatta based NGO Bangala Sanskriti Mancha which works with migrant worker said, It had received ten thousand of call for help and also identified at least 30000 workers across the country who were stranded and facing imminent starvation. In all over India about 40 million workers moved from village to work in the city as domestic helpers, drivers, gardener and worker at construction site. There is 600000 migrants worker are in shelters while food is being provided to 2.2 million .there are so many worker are staying on the flyover and footpath and other place and many moving on the ways. According to central government there are 500,000 to 600,000 migrant reach their village from different cities by barefoot. World Bank said about 40 million internal migrant are migrated to different part of India.

About 40 crore workers informal economy are at risk of falling deeper into poverty because they have forced to come to own village in India. Survey released by centre for the monitoring of Indian economy that an unemployment rate is about 23.4 % and employment rate is about 27.7% and Labour participation rate is about 36%., Globally about 2.7 billion are currently affected by full time or partial work place according ILO. In country wise about 5 million in Arab, 12 million in Europe, and 125 million in Asia and Pacific are become jobless. In US there are about 10 million file for unemployment benefit. In US, the world largest economy, more than 26 million jobs were lost over the last five weeks and country unemployment rate was 4.4 in March. In India 12 Crore job losses during same period in which about 91.3 million are from small trader and 17.8 million are from salaried worker and about 18.2 million are self employed.

During lockdown the incidence of domestic violence increase as about 2750 domestic violence complains are register in which there are 600as women abuses, 23 rape, 1600 as domestic violence and some other. India's National Commission for women said that about 587 domestic violence in March to April against 396 complained in February to March.

In India during lockdown there is fall in GDP about 4 to 4.5 percent. This is significance global recession because of this is cutting of import and export to more infected country and also due to internal shortage supply and demand matter According to IMF the World economy also decrease as global growth decreased 3%. In European country the economy shrink about 6.1 % in which ITALY and SPAIN, GDP losses as 9.1% and 8%. Who are affected badly due to COVID-19 infection In Britain GDP is drop about 6.5 %. IMF also forecast in future living standard also go down. This mostly due to global trade volume could be plummet by 12.9% in this year forecast by WORLD TRADE ORGANIZATION.

In India about 140 live are lost in over 600 road traffic accidents in nation wise according Save LIFE foundation. This is mostly of worker who are travelling in own home during lockdown but this is some dip in absolute number of road traffic accident. India accounts for one of highest road traffic accident across the globe with annual 5 lakh accident in which 1.5 lakh people are killed. A study from the University of California Davis reveals that –California's traffic accident have fallen by half, prior to stay home order by Gov, Gavin Newson there are 1000 collision incident and 400 injury and fatal injury but after stay home order there are only 500 collision and 200 injury that were very decrease .

In result of lockdown is good for environment. It has low environmental pollution that is very big emerging disaster in future. Society have develop more dreaded result as they feel more disturbances and feeling more depression during lockdown There are number of worker become jobless and shelter less and no of worker are forced to return own home but this indulge to live together with family. There are also domestic violence are increase. Because of above and internal and external loss of business there is loss of GDP during lockdown. There is one aspect of having decrease road traffic accident during this period. Prevention of this pandemic is only through isolation and social distancing because definite treatment and vaccine is not present for its treatment till date.

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