## DEPARTMENT OF MICROBIOLOGY

## **Research Publications of Students**

| S1.<br>No. | Title,Authors,Journal,<br>Book,Publishingyear   | National/<br>Internati<br>onal | ISSN<br>/ISB<br>N      |
|------------|---|--------------------------------|------------------------|
| 1.         | The prevalence, preventive measures and economic impact of pandemic COVID-19 in India: the initial phase  | International                  | ISSN:<br>1588-<br>4082 |
|            | Ganguly A,Konar U, Kundu A,Ghosh S, Chatterjee I, Nad S, Chatterjee S, Nandi S, Singha S, Kali S <i>ActaBiologicaSzegediensis; Hungary</i> (UGC Care listed journal) 64(1):43-61, <b>2020</b> . |                                |                        |

# List of Books / Book Chapters Published:

| S1. | Title, Authors, Journal, Book, Publishing year                   | ISSN / ISBN   |
|-----|--|---------------|
| No. |  | Number        |
| 1.  | Herbal Drug: A Natural Bioactive Formulation & its scope against | ISBN: 978-93- |
|     | Viral diseases   | 91002-25-1    |
|     | Nad S, Mandal A, Das Mohapatra PK, Ganguly A*                    |               |
|     | Hand Book of Agriculture & Plant Sciences; ABS Books             |               |
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## ARTICLE

## The prevalence, preventive measures and economic impact of pandemic COVID-19 in India: the initial phase

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ABSTRACT

The novel coronavirus (SARS-CoV-2) is posing a serious threat to the mankind with its massive infection rate and potentially fatality. A total of 212 countries have been infected within the 112 days of first report causing 2 314 621 confirmed cases and 157 847 deaths worldwide. India, the country which is already battling with poverty, malnutrition and high population density is also at the second stage of coronavirus transmission. The situation is worsening and the attention has focused on the prevalence and preventive measures to be taken to protect 1.35 billion people of the largest democratic country of the world. In this review, a study has been designed to evaluate the prevalence, transmission, clinical symptoms, and preventive measures to control the community transmission of this fatal disease. The initial impact of coronavirus disease (COVID-19) outbreak on Indian economy has also been dealt with. This study reviews and summarizes the main points of the epidemic in India until the end of April 2020.

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#### KEY WORDS

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## Hand Book of Agriculture & Plant Sciences

By: Dr. Dwaipayan Sinha



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Herbal Drug: A **Natural Bioactive** Formulation & its Scope Against Viral Diseases

erbal drugs are any crude or purified constituent isolated and seperated from raw botanical materials, containing bioactive ingredients that have therapeutic significance. Man uses plants and plant derived products from the pre-historic times to treat different ailments. Medicinal plants were found even on the frozen body of an 'ice man' in Swiss Alps which was more than 5,000