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Anandibai Pradhan Science College,
Nagothane, District-Raigad (Maharashtra)**

**List of Chapters published in
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2020-21**

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Sr. No.	Name of faculty	Title of chapters Published	Year of Publication	National / International	ISBN Number	Name of the publisher
1	Dr. S. D. Tupare	The role of National Service Scheme in HIV-AIDs Awareness Programme,	2020-21	National	978-93-5433-198-5	Himalaya Publishing House, Mumbai 2020
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3	Dr. V. R. Jadhavar	Study of some water quality parameters of Amba river at Nagothane Dist. Raigad leads to health diseases	2020-21	International	978-613-9-45834-9	LAMBERT Academic Publisher




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NSS

- ITS ROLE IN SOCIAL AWAKENING AND NATIONAL DEVELOPMENT

Editors

- Dr.(Mrs.) Padmaja Arvind
- Mrs. Renu Verma • Ms. Salochna Nagdev



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**NSS Unit of The S.I.A. College of Higher Education
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ROLE OF NATIONAL SERVICE SCHEME IN HIV- AIDS AWARENESS PROGRAMME

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Abstract

Foundation of National Service Scheme was taking place in birth century year of Mahatma Gandhi on 24th Sept 1969. First finance Minister Dr. C. D. Deshmukh and Education Minister Dr. V. K. R. V. Rao have been taken incentive for this. First aims of NSS were to understand people by working with them. It is now having very much importance in development of student's personality. Student has many opportunities to work, participate, achieve. Many projects were undertaken by NSS such as Environment Enrichment & Conservation Campaign, AIDS Awareness Campaign, Adolescence & Reproductive, Health & Hygiene, Nutrition & Awareness of Various Diseases etc. In all these we will be focus on HIV- AIDS awareness because in this activity involvement of volunteers is very important.

Keywords: Century year, HIV- AIDS, Nutrition, National Service Scheme

Introduction

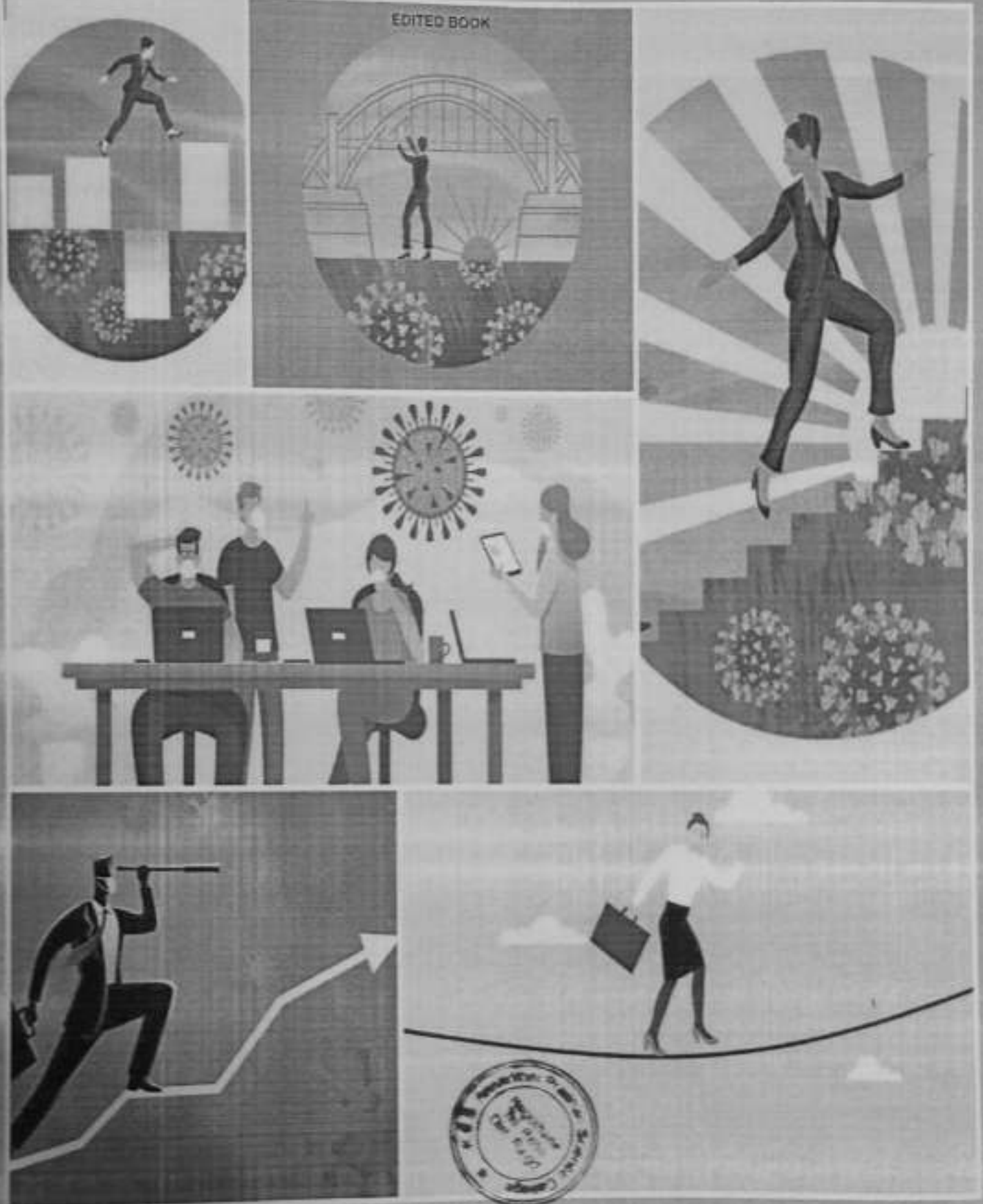
December 1st marks World HIV-AIDS Day, and people all over the world take part in 'Act Aware' to help stop the spread of HIV and tackle prejudice surrounding it. World AIDS Day draws the attention of the world to this global problem, and is without doubt a fantastic campaign. But HIV-AIDS does not disappear once the day is done. It's a 365 days a year problem and your help are desperately needed whenever, and wherever, you can give it. Over 25 million people have died of AIDS since 1981, and there is no better time than today to help. Search our missions and placements today. There are countries all around the world needing assistance, a lot of people choose to volunteer on HIV and AIDS volunteer projects in Africa but there are also options in Asia and South America. Where you go really depends on the project/organization you are interested in, or if a certain country appeals to you. Every placement is different and pleases research all before signing up. Countries in desperate need of help include Ghana, India, Peru and South Africa.

About National Service Scheme

The National Service Scheme (NSS) is an Indian government -sponsored public service program conducted by the Ministry of Youth Affairs and Sports of the Government of India. Popularly known as NSS, the scheme was launched in Gandhiji's Centenary year in 1969.

Aimed at developing student's personality through community service, National Service Scheme is a voluntary association of young volunteers in Colleges, Universities and at +2 levels working for a

POST COVID-19 SITUATION- A REVIEW



EDITOR

Principal (Dr.) SHARAD S. PHULARI

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Maharashtra, India

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Chapter 8

COVID -19 and its Effects on the Environment and Society

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Abstract: -

The COVID-19 pandemic has affected on every aspect of human life and the global economy. The number of new cases and deaths are increasing at an alarming rate with no signs of control yet. This study indicates that, the pandemic situation significantly improves air quality in different cities across the world, reduces the emission of pollutant gases, decreases the noise and water pollution, and also reduces the pressure on the tourist destinations, which may be very useful for the restoration of the ecological system. In addition, there are also some negative impacts of COVID-19, such as increase of medical waste and disposal of disinfectants, mask, and gloves. Therefore, this study will be helpful for the society to achieve long-term environmental benefits.

Keywords: COVID-19, Public health, Lockdown, Pollution, GHGs emission, Biomedical waste.

Introduction: -

The Government of India confirmed India's first case of Coronavirus disease 2019 on 30th January 2020 in the state of Kerala, when a university student from Wuhan travelled back to the state. Goal of this lockdown is "to contain the spread of Coronavirus outbreak in India" by banning on people from stepping out of their homes and closing of all services (excluding essential services), educational institutions, places of worships, commercial establishments, all types of industries excluding pharmaceuticals and Suspension of all non-essential public and private transport. On 30th May, it was announced that the on-going lockdown would be further extended till 30th June in containment zones, with services resuming in a phased manner starting from 8th June. It is termed as "Unlock 1". An inventory and details of lockdown is as given below (MPCB, 2020).

Phase One- 25th March 2020 to 14th April 2020 (21 days)



Phase Two- 15th April 2020 to 3rd May 2020 (19 days)

Phase Three- 4th May to 17th May 2020 (14 days)

Phase Four- 18th May to 31st May 2020 (14 days)

In the above mentioned lockdown period due to COVID-19 pandemic, all human activities were affected.

Methodology: -

During lock down period, all human activities were affected and their impacts were studied by different researchers. This data is reviewed with respect to positive and negative impact on environment and society. Then it is systematically put on record for the study for the reader. Scientific literatures were collected through electronic means for the study.

Environmental effects: -

Due to COVID-19 and its associated lockdowns, there are both types of effects i.e. positive as well as negative impacts on our environment and society is observed. In positive impacts we can definitely confined that our air become pollution free and our water sources like rivers become clean and water can be used for drinking purposes without any treatment.

Besides, increased use of PPE (e.g. face mask, hand gloves etc.), their badly organized disposal, and generation of a huge amount of hospital waste has negative impacts on the environment.

Positive Environmental effects:-

1. Decrease in air pollution: -

Concentration of particulate matter (PM) and Nitrogen Dioxide (NO₂) and Sulphur Dioxide (SO₂) emissions reduced significantly in the lockdown period



Pratap V. Naikwade (Ed.)



Environment, Development and Sustainability

LAP LAMBERT Academic Publishing

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A handwritten signature in blue ink, appearing to read "Pratap V. Naikwade".

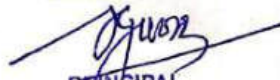
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CHAPTER 14

Study of some water quality parameters of Amba river at Nagothane
Dist. Raigad leads to health diseases

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Abstract

The present study is deals with the assessment of physic-chemical parameters of Amba river water samples from Nagothane area of Raigad District (M.S.).The research work was carried out season wise during the year 2017-18 (Jun.2017 to May 2018.). Some parameters of water like Temp. pH, TDS, D.O., Hardness, MPN, etc. were studied. Water samples from three sites were collected and analysed in the laboratory by using standard methods. The results show that the some parameters were within the permissible limits and some were above the permissible limits. Inverse relationship were reported between TDS and concentrations in drinking water and the incidence of diseases like cancer, coronary heart disease, cardiovascular disease, kidney problems, typhoid, amoebic dysentery, cholera. It was also reported that the pH and TDS may influence on many aquatic organisms. Hence the water from Amba River is not suitable for human consumption without any treatment.

Key words: Amba River, contamination, health diseases, pollution, water quality

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