



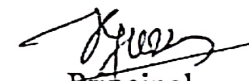
Konkan Education Society's
Anandibai Pradhan Science College,
Nagothane, District-Raigad (Maharashtra)

**List of Chapters published in
edited book/volume
2020-21**

**List of Chapters published in edited book/volume
(2020--21)**

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
2	Dr. V. R. Jadhavar	Covid-19 and its effects on the Environment and society	2020-21	National	978-81-9520332-1	A.I. S. College, Murud, Raigad
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




 Principal
 PRINCIPAL
 K.E.S. A. P. Science College
 Nagothane, Dist. Raigad (M.S.)

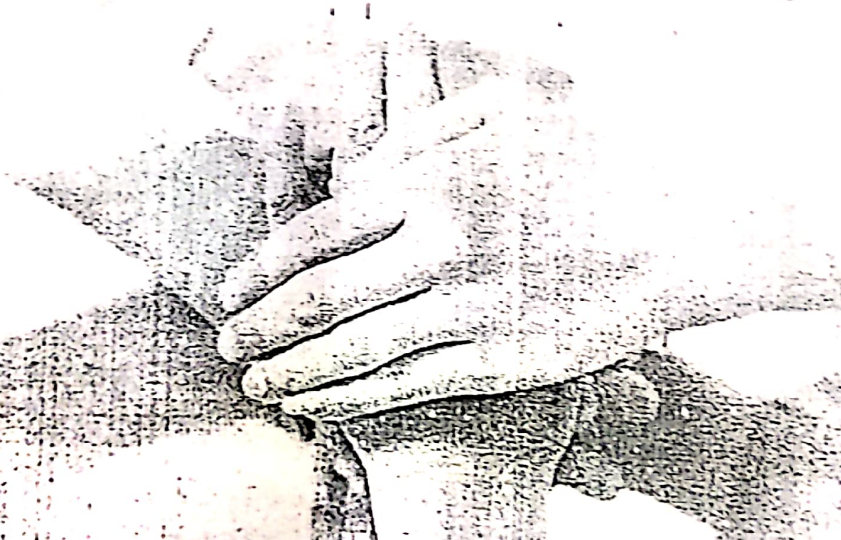


NSS

- ITS ROLE IN SOCIAL AWAKENING AND NATIONAL DEVELOPMENT

Editors

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

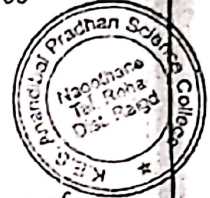


ORGANISED BY
NSS Unit of The S.I.A. College of Higher Education
in association with NSS Unit of University of Mumbai

ROLE OF NATIONAL SERVICE SCHEME IN HIV- AIDS AWARENESS PROGRAMME

Dr. Shrikrishna D. Tupare
K. E. S. Anandibai Pradhan Science College,
Nagothane
Tal. Roha Dist. Raigad [MS] India- 402106
E-mail: shritupare@yahoo.com

Dr. Dinesh V. Bhagat
K. E. S. Anandibai Pradhan Science College,
Nagothane
Tal. Roha Dist. Raigad [MS] India- 402106
Email: dineshbhagat72@gmail.com



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 please 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

ROLE OF NATIONAL SERVICE SCHEME IN HIV- AIDS AWARENESS PROGRAMME

Dr. Shrikrishna D. Tupare
K. E. S. Anandibai Pradhan Science College,
Nagothane
Tal. Roha Dist. Raigad (MS) India- 402106
E-mail: shrutupare@yahoo.com

Dr. Dinesh V. Bhagat
K. E. S. Anandibai Pradhan Science College,
Nagothane
Tal. Roha Dist. Raigad (MS) India- 402106
Email: dineshbhagal72@gmail.com



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 please research all before signing up. Countries in desperate need of help include Ghana, India, Peru and South Africa.

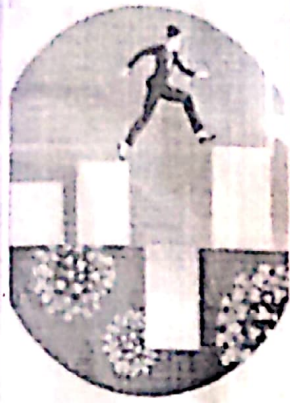
About National Service Scheme

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

ISBN: 978-81-9520332-1

POST COVID-19 SITUATION- A REVIEW



EDITOR

Principal (Dr.) SHARAD S. PHULARI

Publisher: Anjuman Islam Janjira Degree College of Science, Murud-Janjira, Dist. Raigad,
Maharashtra, India

INDEX

Sr. No.	Title & Author	Page No.
1	Future of society based on COVID-19 situation Dr. Sajid Fakirmahamed Shaikh, Dr. Bhagvan V. Jadhav, Mr. Umar Abdul Rahim Kable	2-11
2	Higher Education in Covid-19: Impact and Future Dr. Swati Ramchandra Deshmukh	12-20
3	Importance of ICT in Post COVID-19 Era Dr. Suresh T. More, Dr. Dinesh Nivrutti Navale	21-37
4	Post Covid-19 situation in online Chemistry education. Assi. Prof. Mr. Khan Shoyeab Mutalib, Miss. Damad Niha Hazique	38-55
5	A Study of Covid – 19 – Reality and Facts in Education Dr. Prashant Thote	56-61
6	Impact and Issues During COVID-19 pandemic on education system Dr. Pathan Amanulla Khan	62-73
7	Sport Resumption Amidst COVID-19 Pandemic Dr. Hetal Jigar Mehta	74-83
8	COVID-19 and its Effects on the Environment and Society Dr. Jadhavar Vilas Raghunath	84-90
9	Impact of Covid 19 on Indian Education Sector Mr. Rahim Anwar Bagwan	91-96
10	Imagining Education Post-COVID-19 Dr. Hetal Jigar Mehta, Dr. Tejashri Kulkarni	97-112
11	Biopotential of some aromatic plants to Strengthen Immunity during Post COVID-19: A review Dr. Rajbhoj Balaji Govindrao	113- 120
12	Post COVID-19 Situation: Rehabilitation of patients after Hospital Stays Mr. Javidkhan Vahabkhan Maniyar	121- 129

Chapter 8
COVID -19 and Its Effects on the Environment and Society

Vilas R. Jadhavar

Dept. of Chemistry, K.E.S. Anandibai Pradhan Science College, Nagothane,

Tal.Roha, Dist.Raigad.402106 email: vilasjadhavar1974@gmail.com

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. Nalkwade (Ed.)



Environment, Development and
Sustainability

LAP LAMBERT Academic Publishing

TRUE COPY



PRINCIPAL
K.E.S.A.V. Science College
Nagothane, Dist. Raigad (M.S.)



8	Oxidation of iso-Valeric acid hydrazide to the Corresponding acid by Thallium (III) in 1, 4-Dioxane Medium - A Kinetic and Mechanistic Approach Amit Shrikant Vande	115
9	Isolation and Degradation of Ammonia Nitrogen by Immobilized Bacterial Strains from Wastewater P.S. Salvi, P.S. Patil, M. R. Mulay, M.A.Karve	127
10	Effect of Sodium Arsenite on Glycogen Level of Different Tissues of Fresh Water Prosobranch Snail <i>Terebia lineata</i> (Gray) Rajshri P. Nemade, Namrata G. Mahajan, Bharati D. Talele and Manojkumar Z. Chopda	128
11	Socio-economic Studies with reference to <i>Chulha</i> (Biomass Cooking Stoves) in the villages of Raigad District in Maharashtra, India Aditya Burondkar, Suraj Shinde, Ramesh Kate	150
12	Efficient Synthesis of Substituted Benzimidazole by Microwave Irradiation Shrikrishna D. Tupare	164
13	Nanocrystalline Nickel Ferrite Thin. Film Formation From Non Aqueous Bath Using Environment And Ecofriendly Route M. R. Kale	171
14	Study of some water quality parameters of Amba river at Nagothane Dist. Raigad leads to health diseases V. R. Jadhavar and P.A.Muddebhalkar	180



TRUE COPY


PRINCIPAL
K.E.S. A. P. Science College
Nagothane, Dist. Raigad (M.S.)