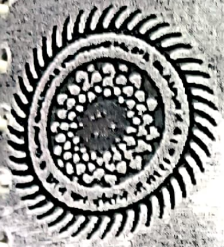
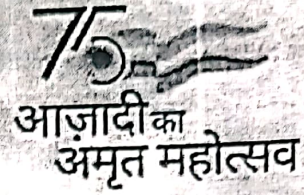


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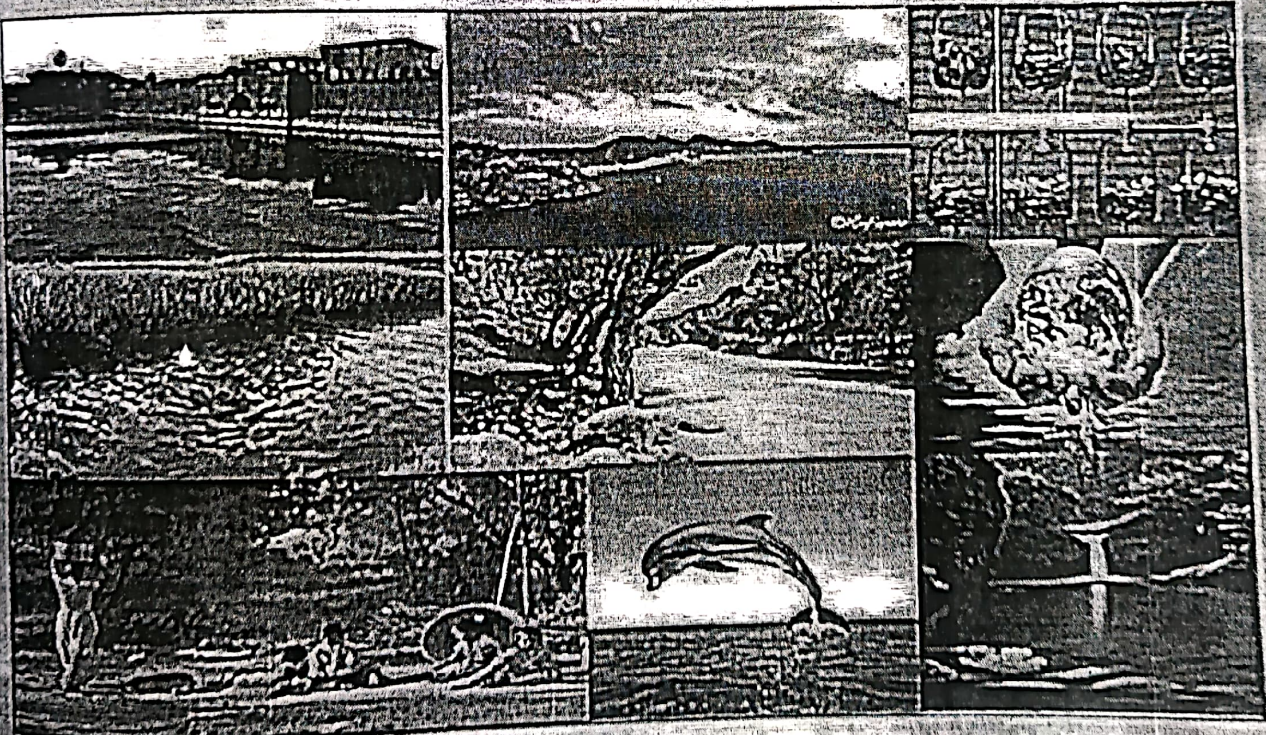
National Seminar
On



Sustainable Water Resources Management:
Challenges, Strategies and Future Prospects
(Virtual Mode)

March 22nd & 23rd 2022

ABSTRACTS



Department of Rural Technology and Social Development

GURU GHASIDAS VISHWAVIDYALAYA

(A Central University) Bilaspur, Chhattisgarh, India

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NATIONAL SEMINAR (Virtual Mode)

ON

"SUSTAINABLE WATER RESOURCES MANAGEMENT: CHALLENGES, STRATEGIES AND FUTURE PROSPECTS"

March 22nd and 23rd 2022



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Water Pollution: A Growing Challenge for Health and Ecosystem

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Abstract

Water pollution is the main cause of concern in India as well as the world. Polluted water will lead to increase in number of diseases among people. Contaminated water is not only affecting the present generation but will also have bad impact on future generations. Clean water is also used in manufacturing and for social and economic development. However, according to the United Nations (UN), 2.2 billion people lack access to safe drinking water services. Around 2 Billion people live in countries with high levels of water stress, meaning the amount of water available is less than the amount required. This widespread problem of water pollution is jeopardizing our health and our biodiversity. Unsafe water kills more people each year than war and all other forms of violence combined. Thus, in this context, this paper explores the causes of water pollution, its effects and gives the possible solutions to solve the issue. The discharge of various pollutants into the aquatic environments is the outcome of countless anthropogenic activities, threatening the health of the living beings and damaging the quality of the environment by rendering water bodies unsuitable. Human settlements and agriculture are the main sources of water pollution. Thus results in the degradation of the water quality and leads to the spread of infectious diseases such as dysentery, diarrhea, and jaundice. Contamination in aquatic environs is one of the leading types of pollution which has significant negative health issues and mortality. Thus, there is a great need to monitor and control the pollutants discharge in the water to save the environment. Paradigm shift is taking place, with ecosystems being recognized as an integral part of development solutions. This reflects the steps being taken towards better integrated water resources management, and therefore more sustainable development.

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