

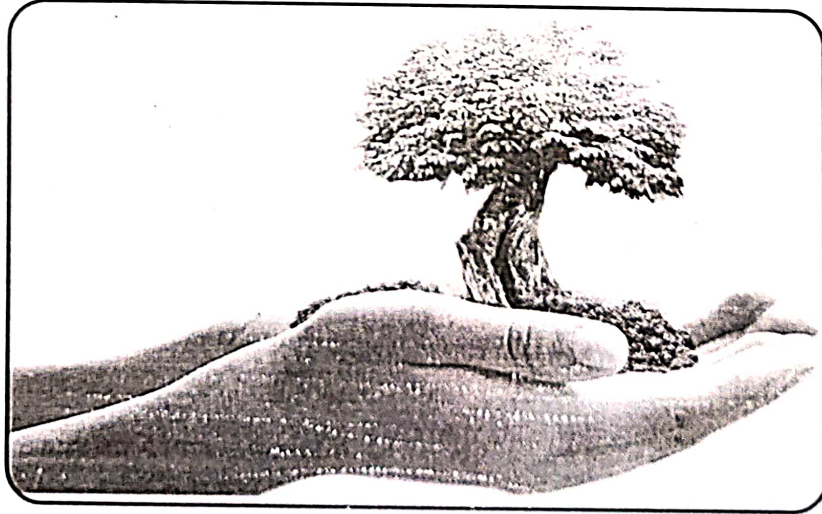
महाराष्ट्र शिक्षण समिती द्वारा संचलित

महाराष्ट्र महाविद्यालय, निलंगा

ता. निलंगा जि. लातूर



पर्यावरण प्रकल्प कार्य पुस्तिका



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शैक्षणिक वर्ष २०२२-२०२३ मधील प्रकल्प कार्य Industrial wastewater Recycling
या विषयावर मार्गदर्शक शिक्षक / प्राध्यापकाच्या मार्गदर्शनाखाली अपेक्षित
सर्व कामकाज, माहिती संकलन व अहवाल लेखन विद्यापीठाच्या कला लेखन
नियमाप्रमाणे प्रकल्प कार्य तयार केलेले आहे. सदर प्रकल्प कार्य हे संबंधित
विद्यार्थ्याने स्वतः संकलित केलेले आहे.

सदर प्रकल्प कार्य हे संबंधित विद्यार्थ्याने स्वतः संकलित केलेल्या
लेखन सामग्रीवर आधारित असून स्वतःच्या हस्ताक्षरात लिहिले आहे.

दिनांक : 24/10/23


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Title :->

Industrial Waste Water Recycling

Introduction :->

⇒ Industrial activities generate a significant amount of wastewater that can have detrimental effects on the environment if not properly managed.

⇒ In recent years, the concept of industrial wastewater recycling has gained momentum as a sustainable solution to mitigate the environmental impact of industrial processes.

⇒ This assignment aims to explore the importance of industrial wastewater recycling and its benefits.



Industrial Wastewater

Body : →

Definition : →

"Industrial wastewater recycling is the process of treating wastewater produced from one source to be reused in the same process or recycled for another. This process is also known as water reclamation, wastewater reuse, or water recycling."

The treated water can be used for a variety of purposes, such as agriculture and irrigation, potable water supplies, groundwater replenishment, industrial processes, and environmental restoration.

The primary objective of industrial wastewater recycling is to reduce the amount of freshwater required for industrial processes and to minimize the amount of wastewater discharged into the environment. This approach can help industries reduce their water consumption and costs while also minimizing their environmental impact.

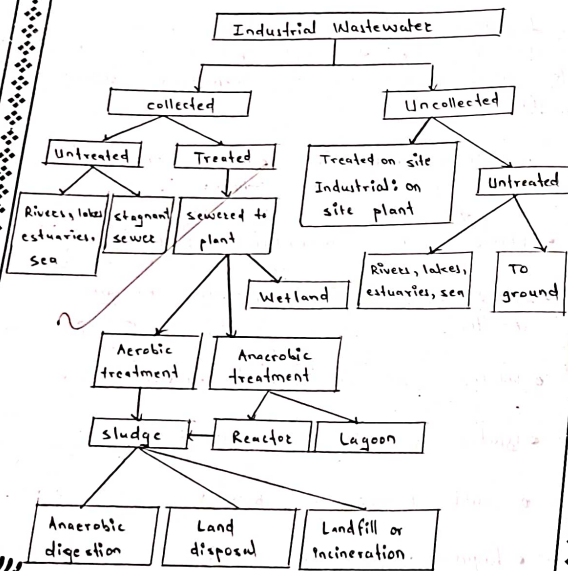


Fig:- Types of Industrial wastewater

Environmental impact of Industrial wastewater:

Wastewater generated from different industries is discharged into the adjoining environment and water body.

The discharged wastewater can be either partially or completely untreated.

Due to industrialization in recent years, environmental deterioration is a major issue for consideration in different countries.

Wastewater also contains several microorganisms such as viruses, bacteria, protozoans, algae that have major public health concerns as these are causes of many water borne diseases.

The untreated wastewaters affect the quality of water in water bodies, thus having a detrimental effect on human health.

The wastewater effluent may contain certain types of emerging