

ABSTRACT
THE ROBOTICS CLUB-SNIST
INDUCTION 2022
TEAM-01

THE PROBLEM:

Nowadays due to urbanization and industrial development there is huge contamination of water bodies. This leads to water pollution and death of aquatic life. The increased levels of particulate matter in water bodies decreases the amount of dissolved oxygen in water, posing threat to water animals and the trash disposal decreases the cleanliness and sanity of the water bodies.

THE TEAMS APPROACH TO THE PROBLEM: -

This problem can be resolved by making a bot which can remove the waste and check the pollution level in the water bodies. This robot is remote-operated. The bot helps in finding ppm using TDS meter and pH of water bodies by IOT and modern, innovative technology. Bot collects plastic and other noticeable waste from the water bodies. A net is used to collect the garbage. Water cleaning bot is a small helping hand to the people who cleans the water bodies manually. It reduces their time.

TITLE OF THE PROJECT: - SWATCH NEER

BLOCK DIAGRAM:

