


Shri Shivaji Education Society Amravati's
J. D. Patil Sangludkar Mahavidyalaya, Daryapur
Department of Physics

Extension Activity (Year 2023-2024)

Details of Project:

01. Project Name- Water Level Indicator to Prevent Accident	
Name of Students under this project:	1. Nandan Shinde 2. Vaibhavi P. Kale
Class:	B.Sc.- III PCM Group
Aim and Objectives of Project:	Aim- To make electronic circuit of Water Level Indicator to Prevent Accident. Objectives of Project- 1. To learn the working of a water indicator 2. Measure the water level when the circuits indicate when the water cross over the bridge. 3. To learn how to build simple circuits.
Intorduction	An Water Level Indicator may be defined as a system by which we can get the information of any water reservoir. Water level indicator system is somewhat helpful to reduce the wastage of water from any reservoir, while filling such reservoir. The wire with Black colour is connected to VCC of the EAB. The wires with colures Blue, Red, Green & Yellow are adjusted to check Level1, Level2, Level3 and Level4 respectively. Each of these four wires are connected to the amplifier. A wireless radio frequency (RF) transmitter and receiver can be simply made using HT12D Decoder and HT12E Encoder and ASK RF module. Wireless transmission can be complete by using 433MHz ASK RF Transmitter and Receiver modules. Sustainability of available water source in many reasons of the world is now issue.
Outcome of this Project:	✓ The water level indicator is the best electronic starter device indicating the water level and saves people life from flood accident.
Photograph:	

Rakhi V. Bhagwat

Sign of Supervisor
Ms. Rakhi V. Bhagwat