



COLLEGE NAME : PRIYADARSHINI
ENGINEERING COLLEGE

COLLEGE CODE : 5119

COURSE NAME : INTERNET OF THINGS (IOT)

GROUP NUMBER : GROUP 2

PROJECT TITLE : SMART WATER FOUNTAIN

PROJECT SUBMITTED TO : SKILL UP ONLINE

YEAR : 3

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SMART WATER FOUNTAIN

Problems:

Due to excessive flow of water our daily life is affected. Plants are destroyed due to the excessive flow of water in agriculture land. The flow of water damages the people living areas along with all living beings

Solution:

The project aims to enhance public water fountains by implementing IoT sensors to control water flow and detect malfunctions.

The primary objective is to provide real-time information about water fountain status to residents through a public platform.

The project includes defining objectives, designing the IoT sensor system, developing the water fountain status platform and integrating them using IoT technology and Python.