Vivekanand Education Society's
Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Mini Project Logbook

Predicting and Classifying Water Quality, Treatment, and Usage

Group Members

Roll No: 58 - Parth Suryavanshi

Roll No: 55 - Shreya Singh.

Roll No: 9 - Shruti Devlekar

Roll No: 47 - Yash Sarang.

Guide: Dr. Anjali Yeole.

Department of Artificial Intelligence and Data Science.

Vivekanand Education Society's Institute of Technology.

Academic Year: 2022 - 2023.

Vivekanand Education Society's

Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

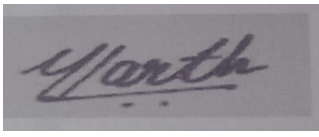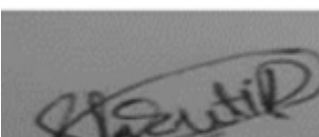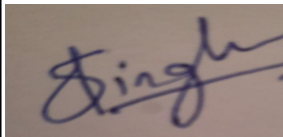# Department of Artificial Intelligence and Data Science.

2022-23

Group No: 7 / D11AD.

Project Title: Predicting and Classifying Water Quality, Treatment, and Usage

Guide: Dr. Anjali Yeole.

Students Details:

	Member-1	Member-2	Member-3	Member-4
Roll	47	58	9	55
Name	Yash Sarang	Parth Suryavanshi	Shruti Devlekar	Shreya Singh
Class	D11AD	D11AD	D11AD	D11AD
Contact	9930507114	7208335681	9321891289	9119451557
Email	2020.yash.sarang@ves.ac.in	2020.parth.suryavanshi@ves.ac.in	2020.shruti.devlekar@ves.ac.in	2020.shreya.singh@ves.ac.in
Signature				

Course Outcomes

1.   Identify problems based on societal /research needs.

2.   Apply Knowledge and skill to solve societal problems in a group.

3.   Develop interpersonal skills to work as a member of a group or leader.

4.   Draw the proper inferences from available results through theoretical/ experimental/simulations.

5.   Analyse the impact of solutions in societal and environmental contexts for sustainable development.

6.   Use standard norms of engineering practices

7.   Excel in written and oral communication.

8.   Demonstrate capabilities of self-learning in a group, which leads to lifelong learning.

9.   Demonstrate project management principles during project work.

Proposed Schedule for Mini Project:

Week/ Date	Content	Remark	Signature
1st, 2nd Week of Jan.	Selecting Topic of Mini project, Preparing the Synopsis.	Done.	
3rd, 4th Week of Jan.	Discussing the working and the implementation of AI in our project and the sustainable development goals it fulfills.	Done.	
5th Week of Jan + 1st, 2nd Week of Feb.	Preparing an architectural model of our project and referring to Literature surveys.	Done.	
3rd, 4th, and 5th Week of Feb.	Preparing the Presentation to present our Project in future Project Reviews. First Internal Review of our project.	Done.	
1st, 2nd Week of March.	Finding a dataset, learning its Data collection methodology, Feature extraction, and analyzing the overall system.	Done.	
3rd, 4th Week of March.	Preparing the Logbook and Report for our project.	Done.	
5th Week of March + 1st, 2nd Week of April.	Completing the logbook, report, and ppt of our project for the External Project Review.	Done.	
3rd, 4th, 5th Week of April.	Final External Project Review.	Done.	

Department of Artificial Intelligence and Data Science.

2022-2023

Mini-Project Progress Report
Sem 6
Project Group No. : 7

Title: Predicting and Classifying Water Quality, Treatment, and Usage

Guide: Dr. Anjali Yeole.

Roll No	Name of Project Member
47	Yash Sarang
58	Parth Suryavanshi
9	Shruti Devlekar
55	Shreya Singh

Week/Date	Work Done	Students Present	Sign of Guide
23/1/2023	Distributing the workflow and creating a proper progress plan for the project.	Yash, Shruti, Parth, Shreya.	
25/1/2023	Meeting with our Guide for discussing the future course of our project implementation	Yash, Shruti, Parth, Shreya.	
27/1/2023	Preparing the Synopsis and Discussing the Content of the project.	Yash, Shruti, Parth, Shreya.	
2/2/2023	Finalising the Model for the Water Quality Implementation.	Yash, Shruti, Parth, Shreya.	
5/2/2023	Meeting with our guide to update her about our project's status. Where she asked us to deliver a Minimum Value Product(MVP) of our Project.	Yash, Shruti, Parth, Shreya.	

9/2/2023	Preparing the list of final features to be implemented in the MVP.	Yash, Shruti, Parth, Shreya.	
15/2/2023	Creating and presenting the MVP of our project to our Guide.	Yash, Shruti, Parth, Shreya.	
19/2/2023	Brainstorming on the working part of the project and getting creative views.	Yash, Shruti, Parth, Shreya.	
30/2/2023	Discussing the part of scaling our project.	Yash, Shruti, Parth, Shreya.	
7/3/2023	Studying and Analysing the Literature surveys related to our project to improvise even further.	Yash, Shruti, Parth, Shreya.	
13/3/2023	Integrating the website with the model and backend.	Yash, Shruti, Parth, Shreya.	
18/3/2023	Finalizing the Website UI/UX and Final Touches on the Website and setting up the local hosting for the final Review Presentation.	Yash, Shruti, Parth, Shreya.	
24/3/2023	Preparing the Presentation for the Internal Project review.	Yash, Shruti, Parth, Shreya.	
2/4/2023	Exploring and Studying the Future Scope of our Project.	Yash, Shruti, Parth, Shreya.	
13/4/2023	Preparing the Project Report and the Final Presentation of our Project.	Yash, Shruti, Parth, Shreya.	
17/4/2023	Preparing the Logbook for our project to be submitted.	Shruti, Parth, Shreya.	
18/4/2023	Final Review of our Project with our mentors	Yash, Shruti, Parth, Shreya.	
24/4/2023	Final External Project Review.	Yash, Shruti, Parth, Shreya.	

✵✵✵✵✵