A REPORT
ON

CROWD-SOURCED WATER-RELATED PROBLEM

Submitted by,

ACHANTA HIMA CHANDU   20211CSD0006

DARIPINENI TEJA   20211CSD0027

Under the guidance of,

Ms. RADHIKA SREEDHARAN

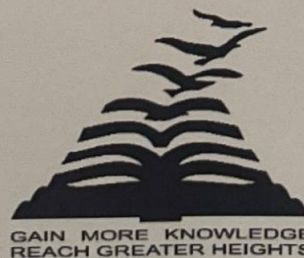*in partial fulfillment for the award of the degree of*

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

DATA SCIENCE

At

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

PRESIDENCY UNIVERSITY
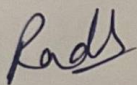
BENGALURU

MAY 2025

PRESIDENCY UNIVERSITY

SCHOOL OF COMPUTER SCIENCE ENGINEERING
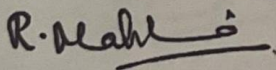
CERTIFICATE

This is to certify that the Project report **"CROWD-SOURCED WATER RELATED PROBLEM"** being submitted by ACHANTA HIMA CHANDU bearing roll number 20211CSD0006 in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering is a bonafide work carried out under my supervision.
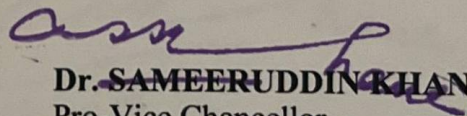
Ms. RADHIKA SREEDHARAN
Asst.Professor
School of CSE
Presidency University

Dr. SAIRA BANU ATHAM
Professor & HoD
School of CSE
Presidency University

Dr. MYDHILI NAIR
Associate Dean
School of CSE
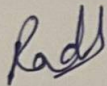Presidency University

Dr. SAMEERUDDIN KHAN
Pro-Vice Chancellor -
Engineering
Dean –PSCS / PSIS
Presidency University
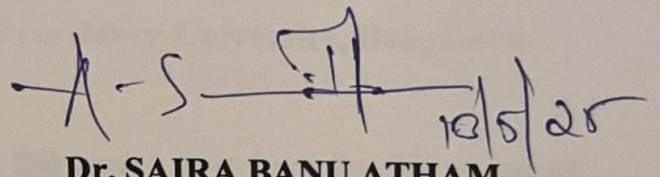
PRESIDENCY UNIVERSITY

SCHOOL OF COMPUTER SCIENCE ENGINEERING
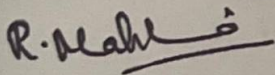
CERTIFICATE

This is to certify that the Project report **"CROWD-SOURCED WATER RELATED PROBLEM"** being submitted by DARIPINENI TEJA bearing roll number 20211CSD0027 in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering is a Bonafide work carried out under my supervision.
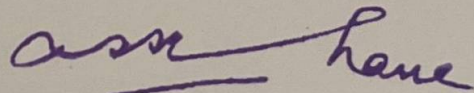
Ms. RADHIKA SREEDHARAN
Asst.Professor
School of CSE
Presidency University

Dr. SAIRA BANU ATHAM
Professor & HoD
School of CSE
Presidency University

Dr. MYDHILI NAIR
Associate Dean
School of CSE
Presidency University

Dr. SAMEERUDDIN KHAN
Pro-Vice Chancellor -
Engineering
Dean –PSCS / PSIS
Presidency University

PRESIDENCY UNIVERSITY

SCHOOL OF COMPUTER SCIENCE ENGINEERING

DECLARATION

We hereby declare that the work, which is being presented in the project report entitled

"CROWD-SOURCED WATER RELATED PROBLEM" in partial fulfillment for

the award of Degree of **Bachelor of Technology** in **Computer Science and**

Engineering (Data Science), is a record of our own investigations carried under the

guidance of **Ms. RADHIKA SREEDHARAN, Asst.Professor, School of Computer**

Science Engineering & Information Science, Presidency University, Bengaluru.

We have not submitted the matter presented in this report anywhere for the award of

any other Degree.

STUDENT NAME	ROLL NUMBER	SIGNATURE
ACHANTA HIMA CHANDU	20211CSD0006	A. Himachad

PRESIDENCY UNIVERSITY

SCHOOL OF COMPUTER SCIENCE ENGINEERING

DECLARATION

We hereby declare that the work, which is being presented in the project report entitle

"CROWD-SOURCED WATER RELATED PROBLEM" in partial fulfillment for

the award of Degree of **Bachelor of Technology** in **Computer Science and**

Engineering (Data Science), is a record of our own investigations carried under the

guidance of **Ms. RADHIKA SREEDHARAN, Asst.Professor, School of Computer**

Science Engineering & Information Science, Presidency University, Bengaluru.

We have not submitted the matter presented in this report anywhere for the award of
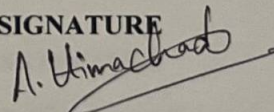
any other Degree.

STUDENT NAME	ROLL NUMBER	SIGNATURE
DARIPINENI TEJA	20211CSD0027	D. Teja

ABSTRACT

Water scarcity and pollution are critical issues that require prompt action. This project provides a digital platform for users to report water-related problems efficiently. The system categorizes complaints, assigns tasks to workers, and allows real-time monitoring of complaint resolution. By leveraging a structured approach, this system enhances accountability and transparency. The admin can manage complaints, assign work, and track progress. Users can submit complaints with images and location data, while workers receive assignments and update statuses upon completion. This structured approach ensures systematic complaint resolution, benefiting both citizens and authorities. The platform simplifies issue tracking and work delegation, reducing delays in addressing water-related concerns. Through an interactive dashboard, the system offers insights into complaint trends, work efficiency, and unresolved issues. This structured approach improves response efficiency and ensures water-related issues are addressed effectively.

Keywords: Water issues, Complaint tracking, User participation, Task delegation, Efficient resolution.