

# **PROACTIVE DISASTER DETECTION**

**A PROJECT REPORT**

*Submitted by,*

**SWARNA LOHIT - 20211CSD0052**

**SANJAY S - 20211CSD0050**

**MANOJ M - 20211CSD0199**

*Under the guidance of,*

**Ms. Sandhya L**

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

**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE AND ENGINEERING WITH DATA SCIENCE**

**At**



**GAIN MORE KNOWLEDGE  
REACH GREATER HEIGHTS**

**PRESIDENCY UNIVERSITY**

**BENGALURU**

**JANUARY 2025**

**PRESIDENCY UNIVERSITY  
SCHOOL OF COMPUTER SCIENCE ENGINEERING**

**CERTIFICATE**

This is to certify that the Project report “**Proactive Disaster Detection**” being submitted by SWARNA LOHIT, SANJAY S, MANOJ M bearing roll number: 20211CSD0052, 20211CSD0050, 20211CSD0199 in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering with Data Science is a bonafide work carried out under my supervision.



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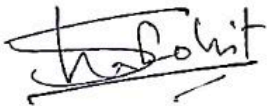
**PRESIDENCY UNIVERSITY  
SCHOOL OF COMPUTER SCIENCE ENGINEERING**

**DECLARATION**

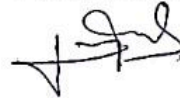
We hereby declare that the work, which is being presented in the project report entitled **Proactive Disaster Detection** in partial fulfillment for the award of Degree of **Bachelor of Technology in Computer Science and Engineering with Data Science**, is a record of our own investigations carried under the guidance of **SANDHYA.L, Assistant 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.

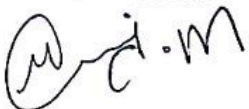
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## ACKNOWLEDGEMENT

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We express our sincere thanks to our respected dean **Dr. Md. Sameeruddin Khan**, Pro-VC, School of Engineering and Dean, School of Computer Science Engineering & Information Science, Presidency University for getting us permission to undergo the project.

We express our heartfelt gratitude to our beloved Associate Deans **Dr. Shakkeera L and Dr. Mydhili Nair**, School of Computer Science Engineering & Information Science, Presidency University, and **Dr. Saira Banu Atham**, Head of the Department, School of Computer Science Engineering & Information Science, Presidency University, for rendering timely help in completing this project successfully.

We are greatly indebted to our guide **Ms. Sandhya L** and Reviewer **Dr Mr Himanshu Sekhar Rout**, Assistant Professor, School of Computer Science Engineering & Information Science, Presidency University for his inspirational guidance, and valuable suggestions and for providing us a chance to express our technical capabilities in every respect for the completion of the project work.

We would like to convey our gratitude and heartfelt thanks to the PIP2001 Capstone Project Coordinators **Dr. Sampath A K, Dr. Abdul Khadar A and Mr. Md Zia Ur Rahman**, department Project Coordinators **Dr. Manjula H M** and Git hub coordinator **Mr. Muthuraj**.

We thank our family and friends for the strong support and inspiration they have provided us in bringing out this project.

**SWARNA LOHIT**

**SANJAY S**

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