

Billy-Buddy: An AI-Powered Solution for Cyberbullying, Detection, Prevention and Victim Support

A PROJECT REPORT

Submitted by,

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Under the guidance of,

Dr. Marimuthu. K

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND TECHNOLOGY

AT



PRESIDENCY UNIVERSITY

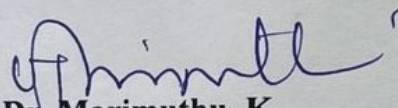
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JANUARY 2025

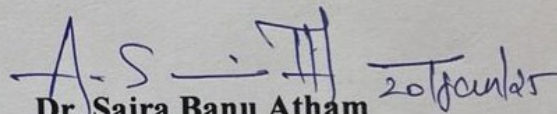
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ENGINEERING

CERTIFICATE

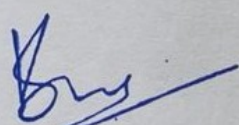
This is to certify that the Project report "**Billy-Buddy: An AI-Powered Solution for Cyberbullying, Detection, Prevention and Victim Support**" being submitted by "MEKALA CHARAN KUMAR, KRITHIK S, GANDU SANJAY, MOHAMMED KAIF", bearing roll numbers "20211CST0092, 20211CST0137, 20211CST0031, 20211CST0014" 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.



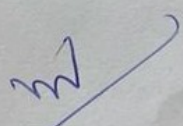
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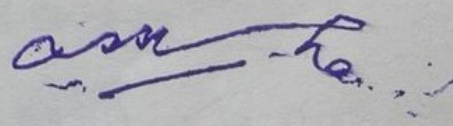
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DECLARATION

We hereby declare that the work, which is being presented in the project report entitled **“Billy-Buddy: An AI-Powered Solution for Cyberbullying, Detection, Prevention and Victim Support”** in partial fulfilment for the award of Degree of **Bachelor of Technology in Computer Science and Technology**, is a record of our own investigations carried under the guidance of **Dr. Marimuthu.K, Professor, Presidency School of Computer Science and Engineering, 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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ABSTRACT

Cyberbullying, a significant issue among teenagers, involves online harassment such as spreading rumours, making threats, posting sexual remarks, sharing personal information, or using hate speech, leading to severe consequences like reduced self-esteem, suicidal ideation, and emotional distress. To combat this, we have proposed a feature in our website called "Billy " a chatbot offering instant support, guidance, and the anonymous reporting of perpetrators to cybercrime authorities, safeguarding the victim's privacy and promoting swift action.

Our platform also analyzes cybercrime data to highlight areas with high incidents, allowing law enforcement to focus on "red alert" zones while providing users with tips and defensive tactics. Additionally, we foster a supportive community where individuals affected by cyberbullying can anonymously share experiences, engage in Q&A sessions, and connect for mutual support.

By combining technology with community support, our platform aims to provide real-time assistance, improve cybercrime monitoring, and create a safer online environment.