# PSG COLLEGE OF TECHNOLOGY
## Computer Science and Engineering Association

**Presents**

# HiddenX Final Report

**13 NOV 2024**

# HIDDENX 2024

HiddenX' 24 was held on November 13th, 2024 aiming to engage participants in the idea of Capture the Flag using basic cybersecurity concepts. It took place from 4:30 to 6:30 p.m. and was designed to enhance the participants' understanding of social engineering and cryptography, two essential cybersecurity concepts. The event was designed for beginners in cybersecurity, specifically for the Computer Science and Engineering Department.





Participants were given five categories with various challenges involving web development, cryptography, reverse engineering, forensics and OSINT.

Each category contained several challenges, which were allocated points based on difficulty level. This system allowed participants to choose tasks suited to their skill level and progressively take on more complex challenges. Students had to decipher the "flag" within encrypted or obscured data, simulating common cybersecurity scenarios such as vulnerability detection and data decryption.

Cracking and discovering vulnerabilities within various sets of data instills in participants the knowledge of critical thinking, basic programming skills and an exposure to real world cybersecurity threats. Around 50 students from the CSE department attended with the majority being first years. The first years were the most interesting and curious of all , everytime they came across a new term related to ctfs and cyber security , they raised questions or surfed it up on the internet and supposedly learnt a lot in the process .

Although off to a slow start, the event developed into an interactive session. The interactive environment encouraged participants to collaborate, share knowledge, and learn from each other. Friendly competition grew as students competed for top spots on the leaderboard, driving them to tackle more complex challenges.

At the end the participants who were able to find the most amount of flags won the challenge. The first place was secured by Jayyanth K B(24Z231) and runner up was Ashwin Tom Shibu(23Z212).

The energy throughout the event was high with a remarkable competitive atmosphere that brought out the best in everyone, making the hackathon a great success.

**Winners:**