

1.1 PURPOSE

Abstract:

The purpose of this project is to explore cybersecurity threats and solutions in the digital age. cybersecurity involves understanding and mitigating threats like malware, phishing, and data breaches, while implementing solutions such as strong passwords, encryption, and incident response planning.

Scope of the Project :

This project explores cybersecurity in the digital age, focusing on understanding various threats and implementing effective solutions to protect systems and data. The scope encompasses network security, data protection, incident response, and awareness training, aiming to mitigate risks and ensure a secure digital environment.

Objectives of the Project :

1. Promoting Security Awareness:

Educate individuals and organizations about cybersecurity best practices, emphasizing the importance of strong passwords, vigilance against phishing, and regular software updates.

2. Promote Cyber Awareness

Educate individuals and organizations on best practices for digital safety.

3. Investigate

the role of artificial intelligence, machine learning, and other emerging technologies in enhancing cybersecurity.