



Cybersecurity Awareness Survey

Report

Executive Summary

Brief overview of the survey objectives

- Introduce fundamental understanding of common cyber threats.
- Educate on strong, unique passwords and basic security practices.
- Raise awareness about risks in using the internet.
- Promote safe online behaviors and cautious sharing of personal information.
- Teach residents to secure devices: smartphones, computers, IoT devices.
- Emphasize keeping software and operating systems up-to-date.
- Educate on social engineering tactics to recognize and avoid scams.
- Encourage use of encrypted messaging apps for secure communication.
- Guide on secure online banking practices.
- Alert to common financial scams and fraud.
- Educate parents on monitoring and guiding children's online activities.

Introduction

Why cybersecurity is important?

In an era dominated by technology, the importance of cybersecurity cannot be overstated. As we immerse ourselves in a digitally connected world, safeguarding sensitive information and digital systems becomes paramount. Recognizing this urgency, the IEEE Student Branch is conducting a focused cybersecurity survey. This initiative aims to assess the current state of cybersecurity awareness among our student community and identify areas for improvement.

The objectives are clear: empower students with essential cybersecurity knowledge and skills while gaining insights to enhance the overall security posture of the IEEE Student Branch. By conducting this survey, we aim to fortify our community against cyber threats and contribute to a safer digital environment. The results will guide targeted awareness campaigns and initiatives, reinforcing our commitment to proactive cybersecurity measures in an ever-evolving technological landscape.

Methodology

How the survey was conducted?

- *Developed a structured questionnaire comprising 12 questions to assess cybersecurity awareness, practices, and concerns.*
- *Clearly communicated the objectives of the survey to the surveyors to ensure consistency in data collection.*
- *Conducted training sessions for surveyors to familiarize them with the questionnaire, survey objectives, and ethical considerations during interactions.*
- *Implemented a pilot survey in a small sample group to test the effectiveness of the questionnaire and identify any potential issues.*
- *Engaged in door-to-door visits to different houses in the village to ensure a representative sample of the community.*
- *Interacted personally with residents to explain the purpose of the survey and encourage participation, fostering an environment of trust.*
- *Administered the survey questionnaire to residents, recording their responses for each question.*
- *Emphasized the anonymity of responses and assured residents that their privacy would be respected throughout the survey.*
- *Ensured that surveyors were proficient in local languages to facilitate clear communication and accurate data collection.*

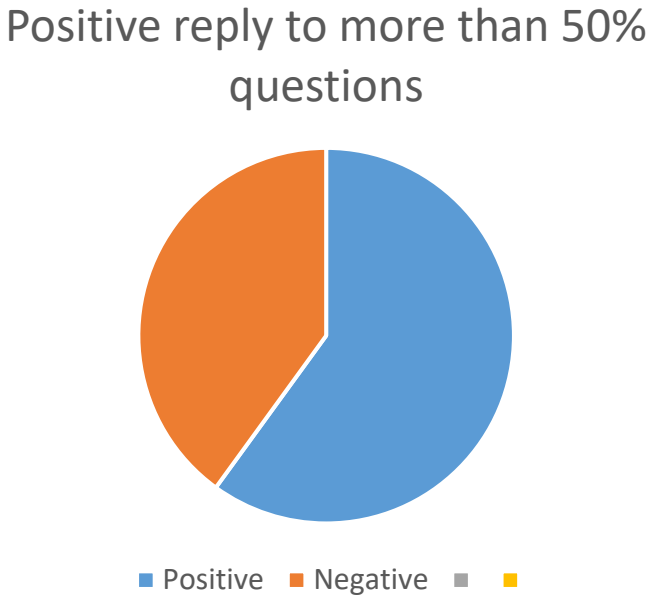
Methodology broken into simple steps

- **Make Survey Questions**
- **Teach Surveyors**
- **Practice Survey**
- **Visit Houses**
- **Ask Questions**
- **Check Answers**
- **Look at Answers and Finish**

Data

Response Collected

- **Basic Cybersecurity Knowledge:**
  76 respondents participated
- **Password Practices:**
  Every 3 months: 32 respondents
  Every 6 months: 18 respondents
  Once a year: 16 respondents
  Rarely: 15 respondents
- **Received Phishing Emails:**
  Yes, received phishing emails: 23 respondents
  No, did not receive phishing emails: 58 respondents
- **Regular Software Updates:**
  Yes, update devices regularly: 67 respondents
  No, not aware of regular updates: 14 respondents



Pictures

Pictures of the 10 teams that participated in the survey





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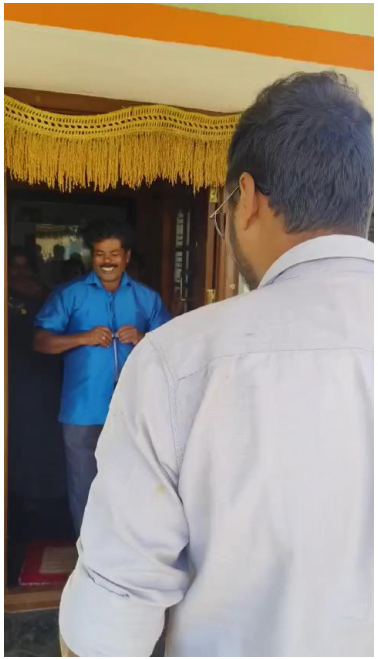

Conclusion

In conclusion, the cybersecurity survey conducted in the village area has yielded encouraging results. A significant number of respondents showcase commendable cybersecurity awareness and positive practices, particularly in password management, software updates, and child online safety. The positive response rate, calculated for those with over 50% positive replies, underlines the effectiveness of existing education initiatives.

While the survey highlights strengths, areas for improvement include raising awareness about encrypted messaging apps and emphasizing the importance of reporting suspicious activities. These findings will guide future initiatives to enhance cybersecurity education tailored to the community's needs.

In summary, the survey provides a valuable snapshot of the village's cybersecurity landscape, offering insights to fortify current practices and initiate targeted awareness campaigns. The community's commitment to cybersecurity underscores its potential to adapt and thrive in an ever-evolving digital era.