



CAP Phase III Report - Cyber Safety and Awareness Program

Reporting on successful execution, actions, and transformations achieved.



CYBER SECURA

2023-2024



Message from the ADGP-WSW

07

Ms. Shikha Goel IPS

Welcome to the Cyber Ambassador Platform Phase-III, a training program on Cyber Safety and Awareness, Women Safety Wing, Telangana Police. As a part of Cyber Ambassador Platform so far we have trained around 12000 Students from 4000 Government schools on Cyber Safety which created awareness among all other students of the schools and also community at large. In Phase III, 8700+ students were selected to get trained on Cyber Safety which is the need of the hour. These students are lucky enough to have innovative way of training in digital mode in the form of captivating Videos, Infographics, Comics and Quiz, which was not available in Phase I and II.

This course has helped these students to find all the positive practices of our day-to-day lives while using the internet. It is designed in a fun, interactive manner to allow the students to grasp the concept easily and at their own pace with the help of mobile application. The entire course is covered over the span of five days where student has learnt about Cyber Hygiene, Netiquettes, Online games, Cyber addiction, Online predators, Child online activity protection, Cyber Stalking, email and password threats, Credit card scams, Phishing, Mobile security, Social networking and many more.

The students who underwent this training has been identified as CYBER AMBASSADOR and with the knowledge gained, and in future they will be made to create awareness on Cyber Crimes, Cyber Safety and Cyber Security among other students of the school and also in their neighborhood by organizing community outreach programs in coordination with SHE teams, resulting a safe cyber space for all citizens. Our SHE teams has coordinated well with the students through their mentor teachers in case of doubt through the program.

Hope the CYBER AMBASSADORS got benefitted from the course. On successful completion of the course, each student received a course completion certificate from Women Safety Wing, Telangana police department.





Message from the CEO

07

Dr. Vishnu Ramdeo

I am thrilled to announce the successful completion of the project on cyber awareness program for students during CAP Phase III under the able guidance of ADGP Ms. Shikha Goel Ma'am and her team at WSW. Over the past few months, we have been working diligently to develop and implement an engaging and effective cyber security education program for the students.

Thanks to the dedication and hard work of the team, we have achieved our goal of empowering our students with the knowledge and skills they need to stay safe online. Through this program, we have raised awareness about the potential risks associated with using the internet and social media, and provided our students with practical tools to protect themselves.

I am particularly impressed with the level of engagement and enthusiasm shown by our students and mentor teachers. Our innovative approach to delivering the program through interactive portal, games and quizzes has helped to keep the students engaged and motivated to learn. The young students has proved us right that there is a dire need of cyber security training even at government schools not only in private ones.

As we move forward, we will continue to build upon the successes of the CAP Phase III and expand the program to reach more students in upcoming phases. We must continue to prioritize the safety and security of our students in the digital age, and I am confident that together, we can make a positive impact on their lives.

With our project going well in future, we're ready for the next steps. With the learnings and further enhancement to our infrastructure and technology, We can easily accommodate and train the rest of the students in the upcoming phase which may include students from private schools too.

Thank you once again WSW, entire team who put their heart and soul to successfully navigated all the challenges while implementing the CAP Phase III.



CYBER SECURA



Report at a Glance

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Cyber Ambassadors Platform(CAP)

The Cyber Ambassadors Platform(CAP) was initiated with the primary aim of cultivating young Cyber Ambassadors from schools in Telangana. The project recognized the critical need for educating the youth about cyber threats and empowering them with knowledge to counter such threats effectively. The collaboration between the Women Safety Wing, Telangana Police, the Education Department of the Government of Telangana, and Cyber Secura Pvt. Ltd. was instrumental in executing CAP- Phase III and one of the highlighting example for Public-Private Partnership to tackle growing cyber-risks in the state.

Through CAP Phase III, Telangana State has become first in India, to launch and successfully implement the Cyber Security Awareness Program in a gamified and engaging learning module for government school students.

Implemented by:

- Women Safety Wing, Telangana Police, Government of Telangana
- Department of School Education, Government of Telangana
- Cyber Secura Pvt. Ltd.

Report at a Glance



Cyber Ambassadors Platform(CAP)

CAP Phase I and II:

The initial phases of CAP laid the foundation for the Phase III. However, they encountered some shortcomings, prompting the need for improvement in subsequent phases. While the intent was strong, challenges such as delivery mode, engagement, and assessment methods were observed.

CAP Phase I and II laid the groundwork for the Cyber Security Awareness Project, aiming to educate school students about cyber threats and empower them to become Cyber Ambassadors. These phases involved initial curriculum development, resource allocation, and pilot testing in select schools across Telangana.

CAP Phase I and II Learnings:

Despite the initiative's noble goals, several learnings were identified in CAP Phase I and II as below which we have overcome in Phase III with dedicated team and their research:

1. Delivery Mode Issues: Reliance on Zoom for lectures resulted in technical difficulties and limited accessibility.
2. Engagement Challenges: The course delivery lacked interactivity, leading to reduced student engagement and retention.
3. Assessment Limitations: Assessment methods were rudimentary, failing to accurately gauge students' understanding and progress.
4. Learning Management System : Lack of LMS lead to unstructured learning process and unavailability of student progress tracking and their assessments.

As highlighted in Phase I and II, need for a more comprehensive and innovative approach lead to the development of CAP Phase III.

Cyber Ambassadors Platform(CAP)

CAP Phase III:

Implementing Learning from Phase I and II :

CAP-Phase III was designed to address the learnings identified in the earlier phases. The project team, especially Cyber Secura Pvt. Ltd., dedicated extensive efforts to create animated content, gamified approach of learning, interactive assessments, at the same time the learned team of Women Safety Wing, Telangana Police ensured that content should be precise and best in class, along with rectifying the previous issues and enhance the effectiveness of the program.

Innovative Approach:

CAP-Phase III introduced a unique course structure utilizing animated videos, comics, and infographics to educate students about cyber threats and mitigation strategies. Recognizing the importance of engagement, the course content was delivered through gamification and storytelling, ensuring active participation and sustained interest among students.

Assessment and Certification:

To evaluate the learning outcomes, each student underwent a quiz after completing each level of the day and in the end of each course modules. Successful completion of the quiz earned them certificates, providing tangible recognition of their understanding, participation in the program and most important the motivation gained after the course.

Improved Delivery Mode:

Unlike the earlier phases where lectures were delivered via Zoom, CAP-Phase III adopted a more robust delivery mechanism. This transition addressed previous challenges such as difficulty in repeating lectures and other technical issues associated with online platforms. Course was available through Laptop, Mobile via Website and Application.



CYBER SECURA

Part 1

Understanding the need of training



This project qualifies multiple goals among 17 Sustainable Development Goals

The Sustainable Development Goals (SDGs), also known as Global Goals, are a set of 17 integrated and interrelated goals to end poverty, protect the planet, and ensure that humanity enjoys peace and prosperity by 2030.

Reporting on the SDGs is important in communicating to stakeholders the company's commitment to contributing to the Global Goals; claiming accountability and responsibility to take the necessary actions; and measuring progress over time.



Objectives

01

According to UNICEF estimates, 71% of the total young population in the world is on Internet.

02

We strongly believe cybersecurity principles are an integral part of daily life, not only for businesses, governments, and educational institutions but also for any individual accessing the internet.

03

Since cyber threats continue to evolve, cyber hygiene plays an important role. It is a proactive approach to equip children with the necessary knowledge to prevent cyber crime.



CYBER SECURA

08

Impact

Real-time cybercrime and challenges learning exchange forum for students of the school and colleges through interactive platform and lectures from experts of the Cyber Secura team.

ENABLE

Enable students and teachers of school and colleges to become more cyber safe and aware of current threats.

EXPERIENCE

Challenge is to present lessons on cybersecurity habits in ways that engage, rather than overwhelm, students and resonate with their daily experiences.

EDUCATE

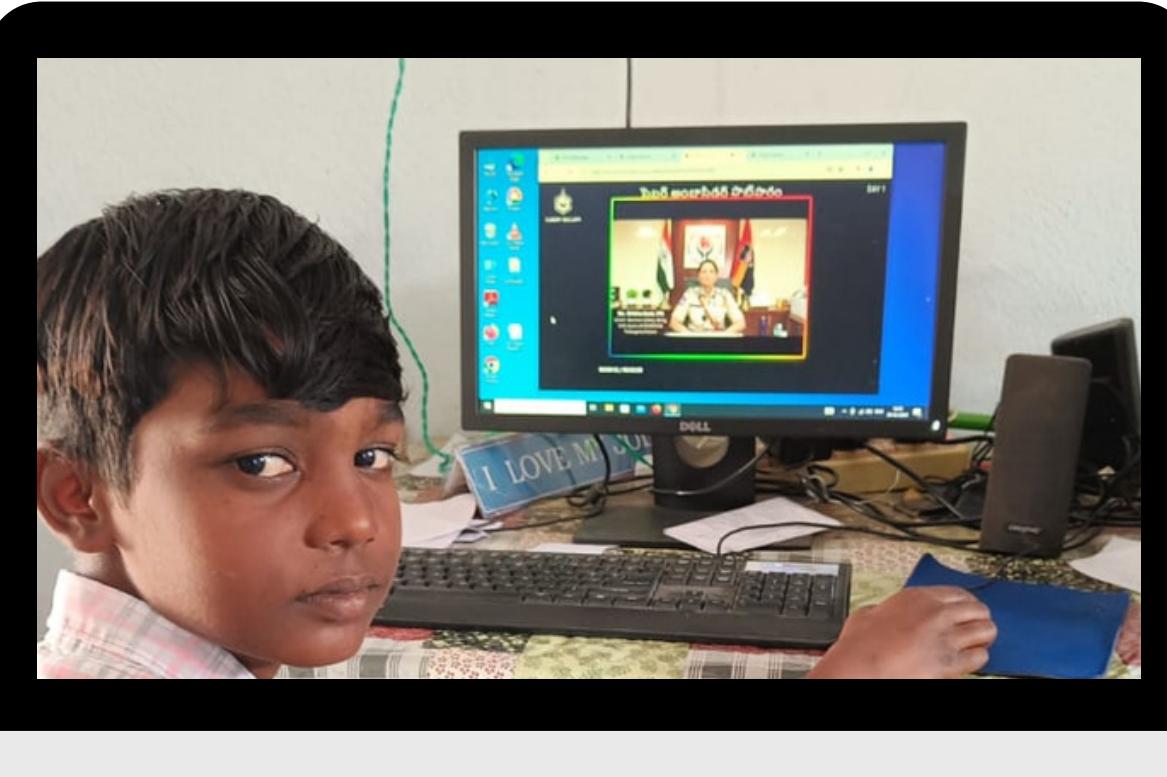
Creating a culture of security means building security values into the fabric of our education system. Training that covers situational awareness(why someone might be at risk).

Impact we want to make

Analyzing the root cause, Cyber hygiene is foundation for students and educators on these pathways has broader relevance. It's not only IT specialists who deal with sensitive information online but with the students and teachers who are now dealing with the online environment with all the vulnerabilities.

Training in best practices can help middle and high school students protect their personal computers, understand the difference between ethical and unethical hacking, and prepare them to confront the digital threats they will face in the workplace.

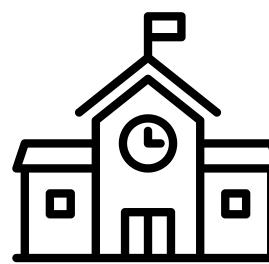
Way to go



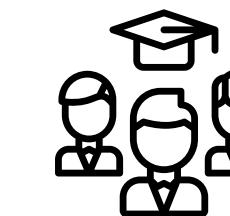
In this regard, Cyber Secura hosts e-learning courses on practical recommendations for protecting personal data and the safe usage of electronic devices. Geared towards students, faculty, and administration in the school and colleges, The courses will teach safety rules for defending against hackers and threats while using computers, smartphones, and tablets.



Milestone Achieved



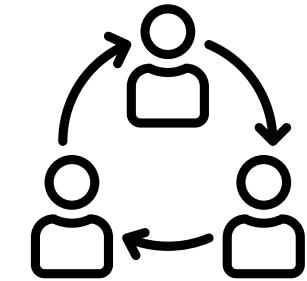
2130+ Schools



8350+ Students



8 Weeks



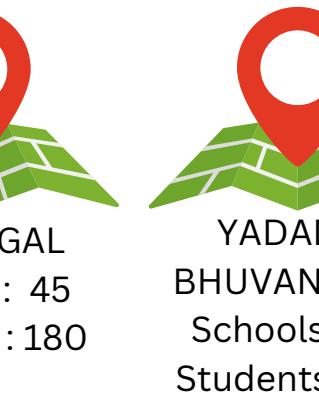
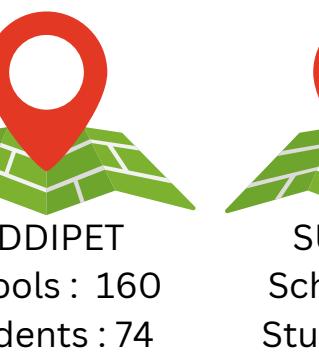
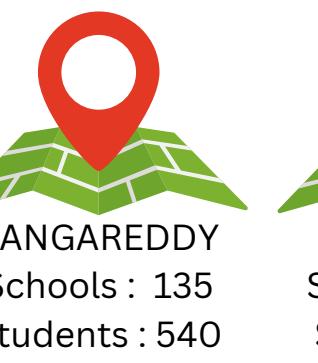
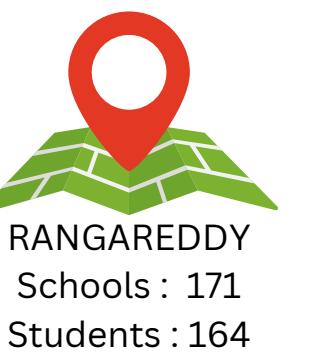
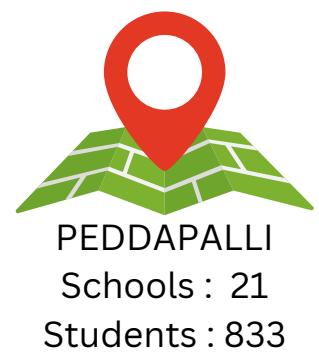
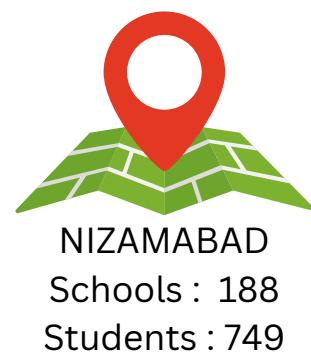
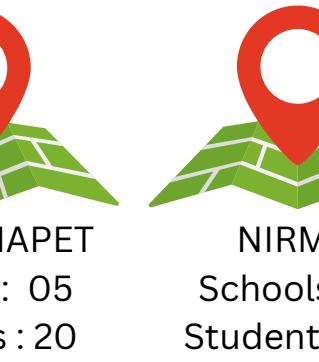
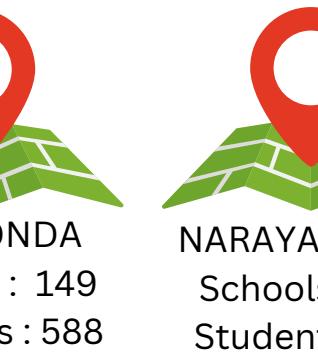
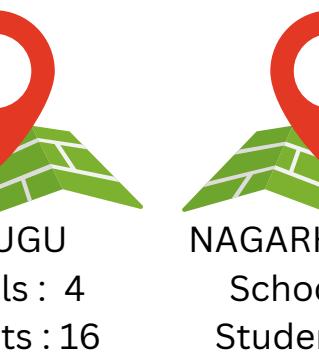
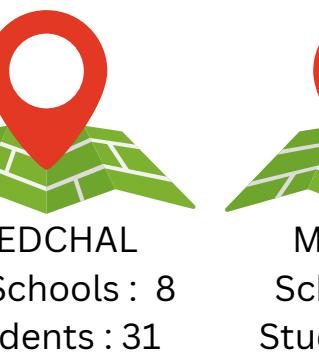
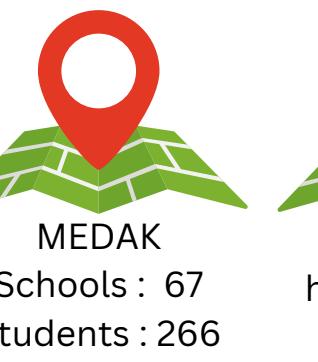
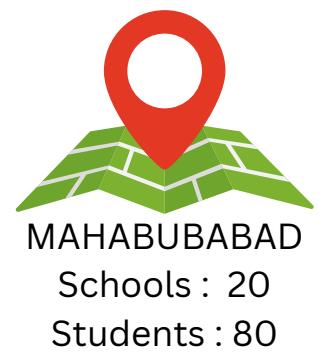
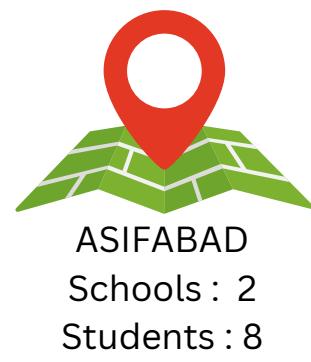
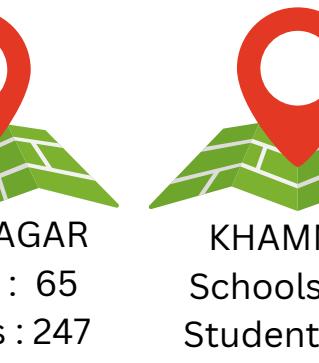
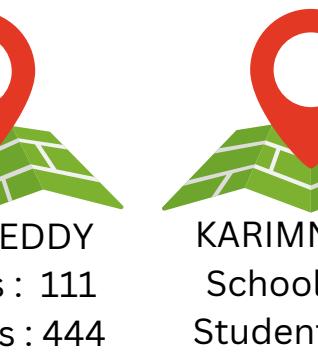
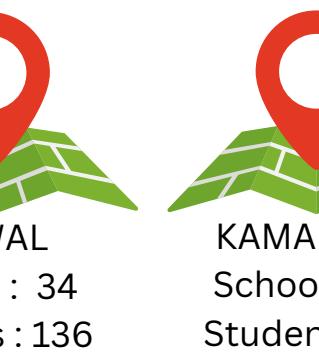
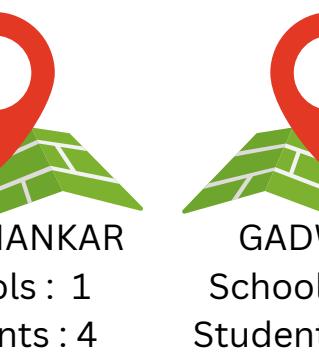
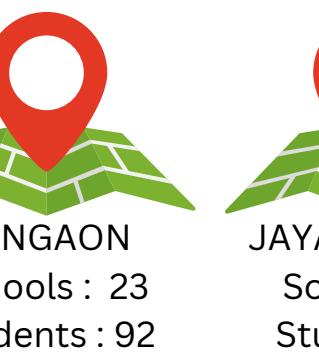
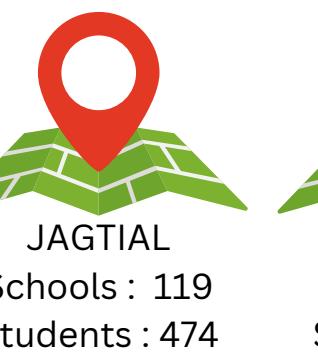
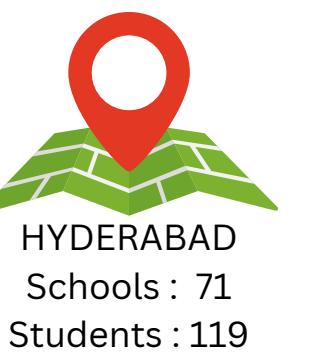
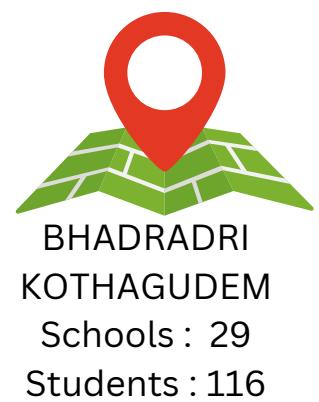
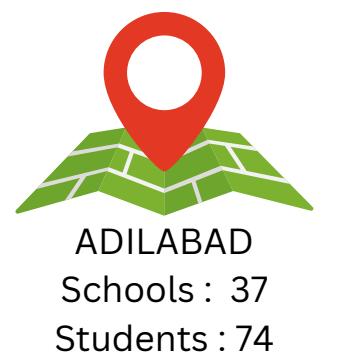
Central
Command and Controlled

Phase III Landscape -

33 Districts | 2130+ Schools | 8700+ Students



Telangana State



Prioritizing Sustainable Development Goals

Part 2





Priority Goals

The 2030 Agenda for Sustainable Development provides a global blueprint for dignity, peace and prosperity for people and the planet, now and in the future.

Cyber Secura is committed to provide quality education, resources and assistance to contribute in 7 out of 17 SDG goals through this project.



3 GOOD HEALTH AND WELL-BEING



information era. This
es while using the

Course Structure

Day 1

Day 2

Day 3

Day 4

Day 5

[Health Issues\(Eyes\)](#)

[Mental Health](#)

[Physical Health](#)

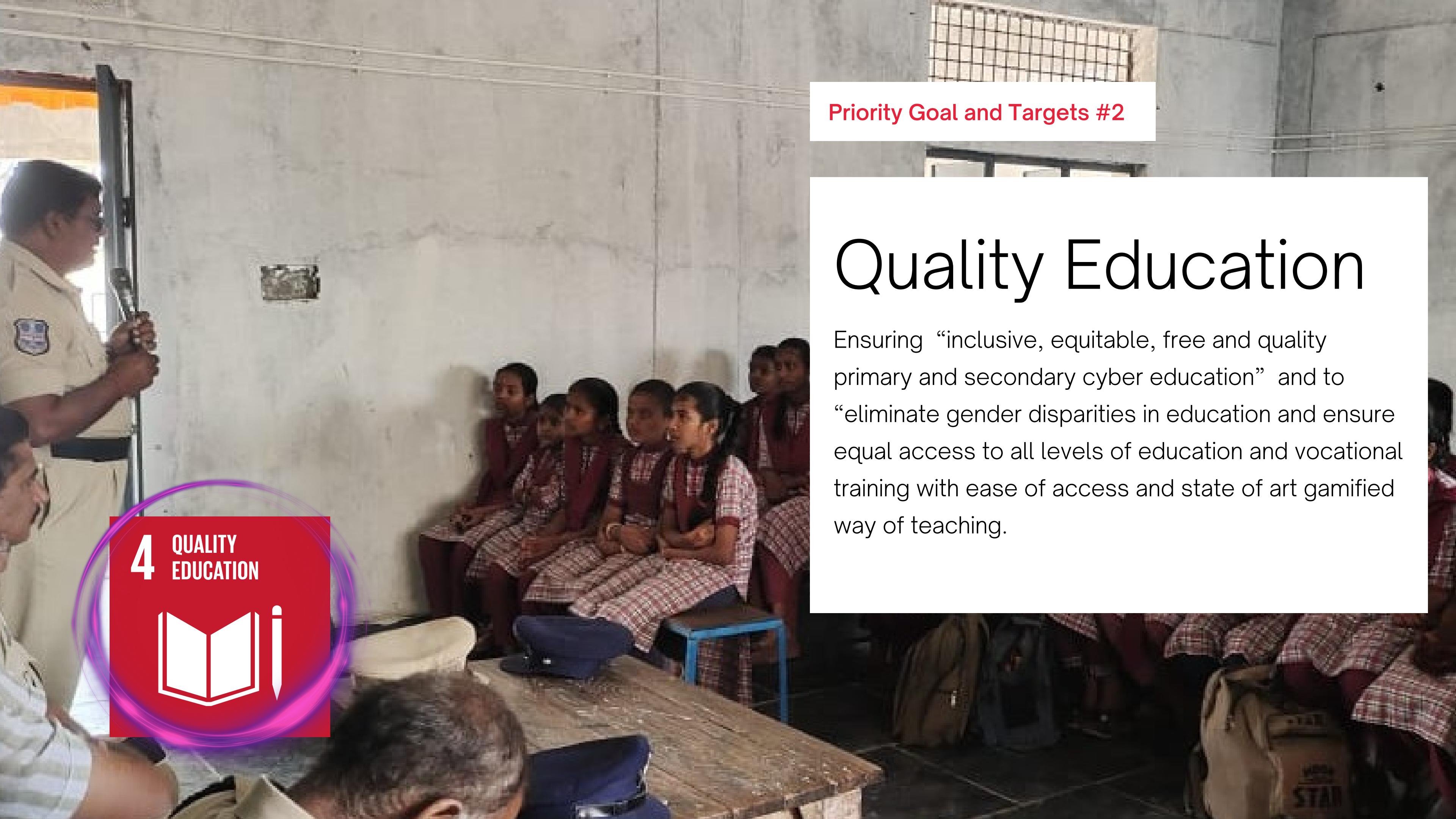
[Turning off Computers](#)

[Cyber Laws - India](#)

Priority Goal and Targets #1

Good Health and Well-Being

Childhood experiences are the most important foundation of our personality, as well as our mental and emotional resilience, efforts must be made to mitigate the impacts of the Covid-19 pandemic on children's security and happiness in the 'new normal.'



Priority Goal and Targets #2

Quality Education

Ensuring “inclusive, equitable, free and quality primary and secondary cyber education” and to “eliminate gender disparities in education and ensure equal access to all levels of education and vocational training with ease of access and state of art gamified way of teaching.

4 QUALITY
EDUCATION





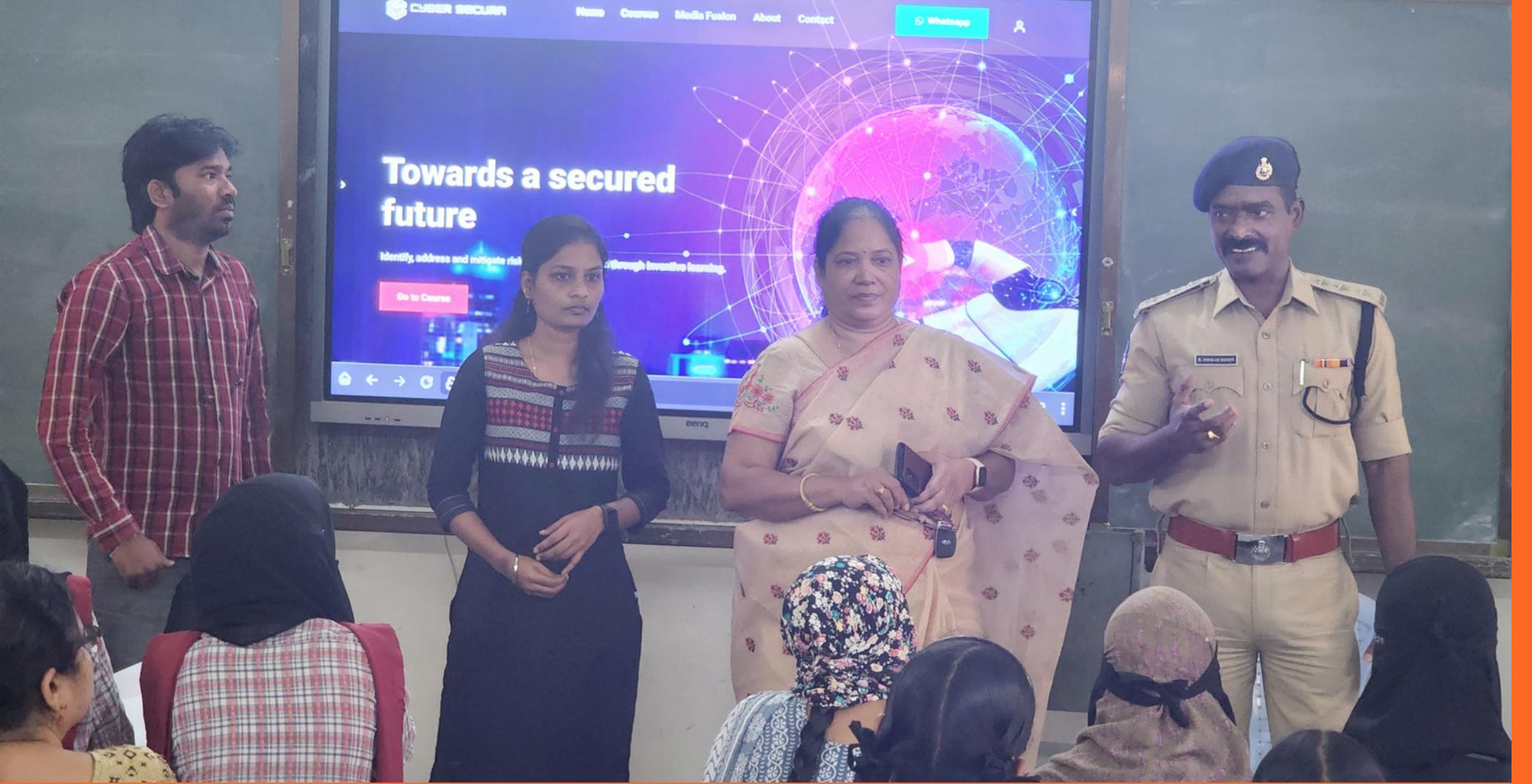
Priority Goal and Targets #3

Gender Equality

5 GENDER EQUALITY



Gender analysis of the use of technology reveals a historically unequal power relationship between women and men. Differences in access to economic resources and knowledge, together with gender norms and perceptions of technology, can sideline women from technological developments.

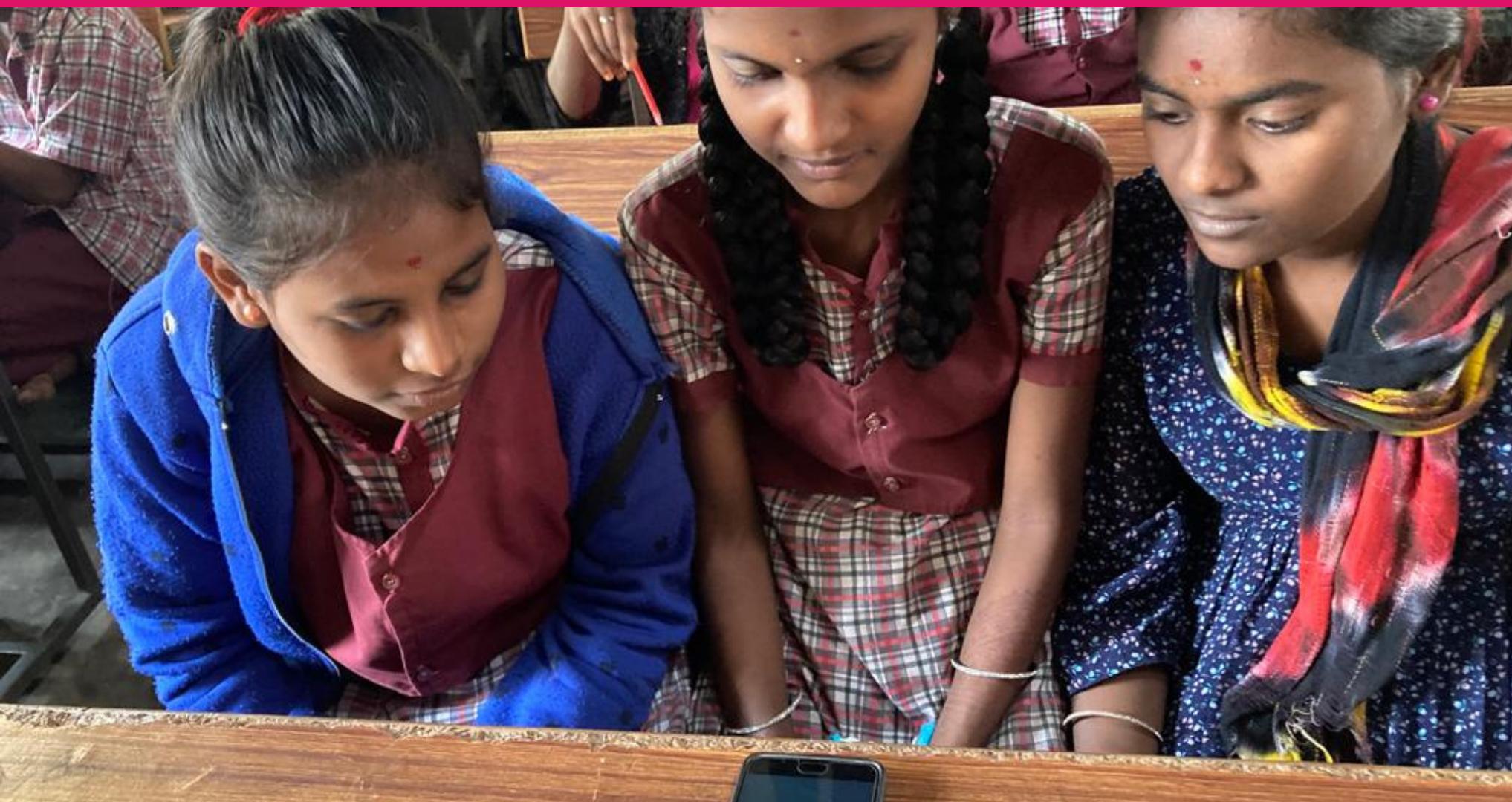


Priority Goal and Targets #4

Industry, Innovation and Infrastructure

Lack of cyber education and knowledge of practices of cyber safety and security have made everyone scapegoats of cyberbullying and cyber predators.

The challenge is to present lessons on cybersecurity habits in ways that engage, rather than overwhelm, students and resonate with their daily experiences. There's a need to remind students of the ethical choices that come with making decisions about how they use technology.



Priority Goal and Targets #5

Reduced Inequalities

The increasing reach of the internet, the rapid spread of mobile information, and the widespread use of social media, coupled with the existing pandemic of violence against women and girls, has led to the emergence of cyberviolence as a growing global problem with potentially significant economic and societal consequences. Which further enhance inequalities among gender, opportunities, treatment and responsibility, age and many more.

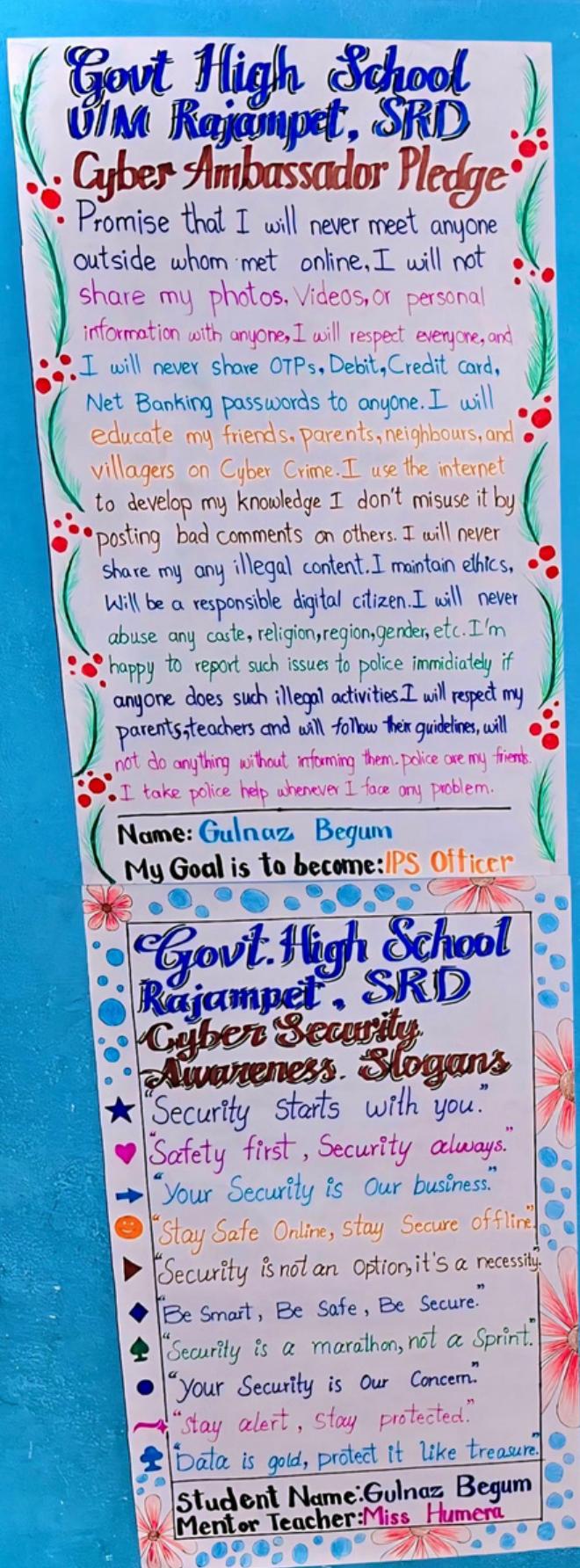


Priority Goal and Targets #6

Peace, Justice and Strong Institutions

Cyber Peace can be achieved through:

- (1) respecting human rights and freedoms,
- (2) spreading Internet access along with cybersecurity best practices,
- (3) strengthening governance mechanisms by fostering multistakeholder collaboration, and
- (4) promoting stability and relatedly sustainable development.

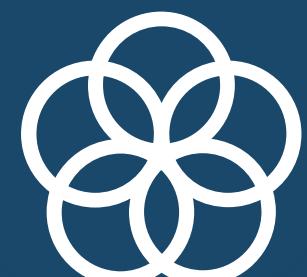


Priority Goal and Targets #7

Partnership for the goals

This initiative aims to drive momentum for a public-private Partnership to combat cybercrime. The Partnership brings together a dedicated community which includes students, teachers, parents with public-private collaborations.

17 PARTNERSHIPS FOR THE GOALS



Part 3

Measuring Progress Towards Successful completion of the Phase III



83.13%

Students achieved the
100% goal and received
their certificate

88%

Students rated the quality
of content as Logical

97.8%

Students felt
confident and
wanted to applying
what they have
learned

95.1%

students felt this
course made them
think differently
about a certain topic.

100%

students will discuss
the learning with
parents and relatives
so that they can be
safe in cyber space

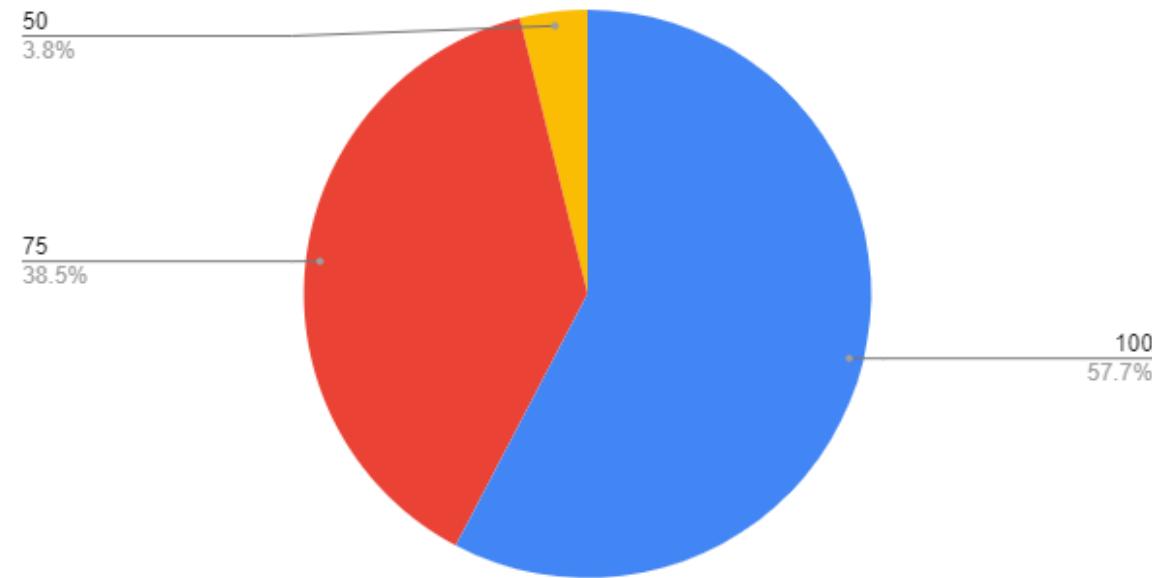
Quantitative Progress

The Cyber Ambassador Platform Phase III has made significant quantitative progress since its inception. WSW and Cyber Secura have implemented a series of 5-day training virtual modules aimed at educating 8300+ students in 2100+ schools across 33 districts of Telangana State, on cyber security risks, threats and best practices. Through pre- and post-training assessments, we have observed a marked improvement in the students' understanding of cyber security principles. In addition, we have conducted detailed quiz to test our students' leanings after the course. These exercises have helped to raise awareness about the importance of being vigilant.

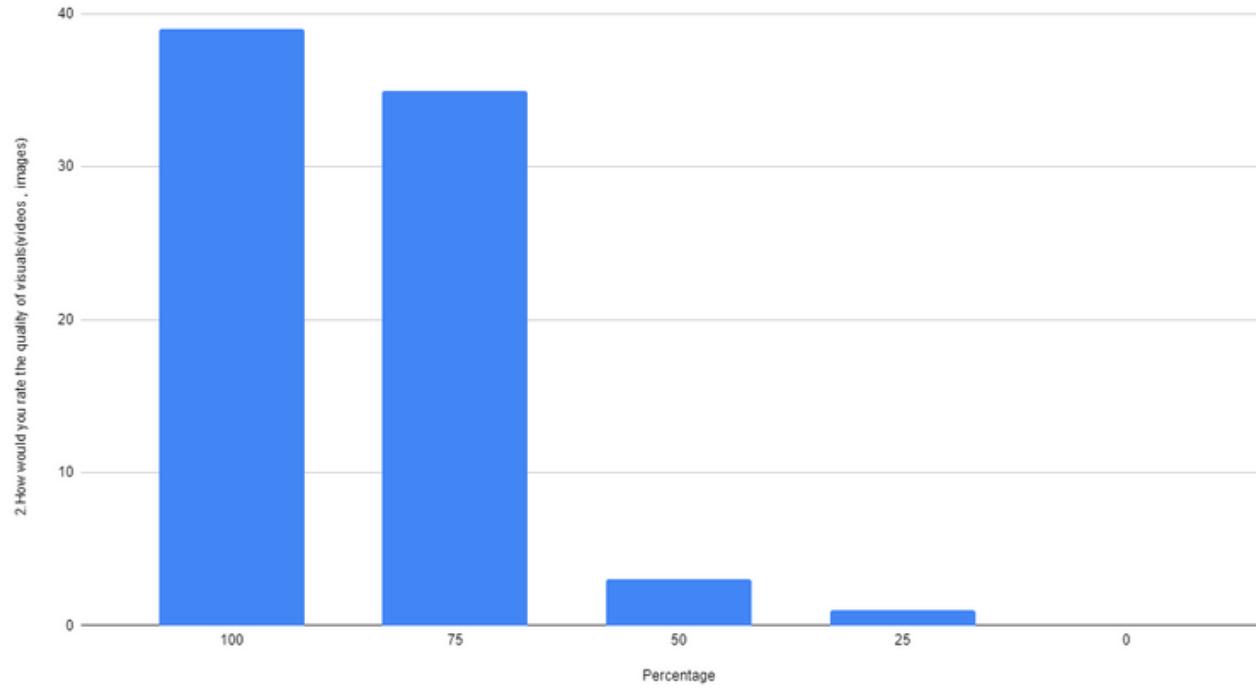
Overall, the quantitative progress of the cyber security awareness and training project has been remarkable. The project has been instrumental in creating a culture of cyber security awareness and preparedness across the institution.

Quantitative Progress - Highlights

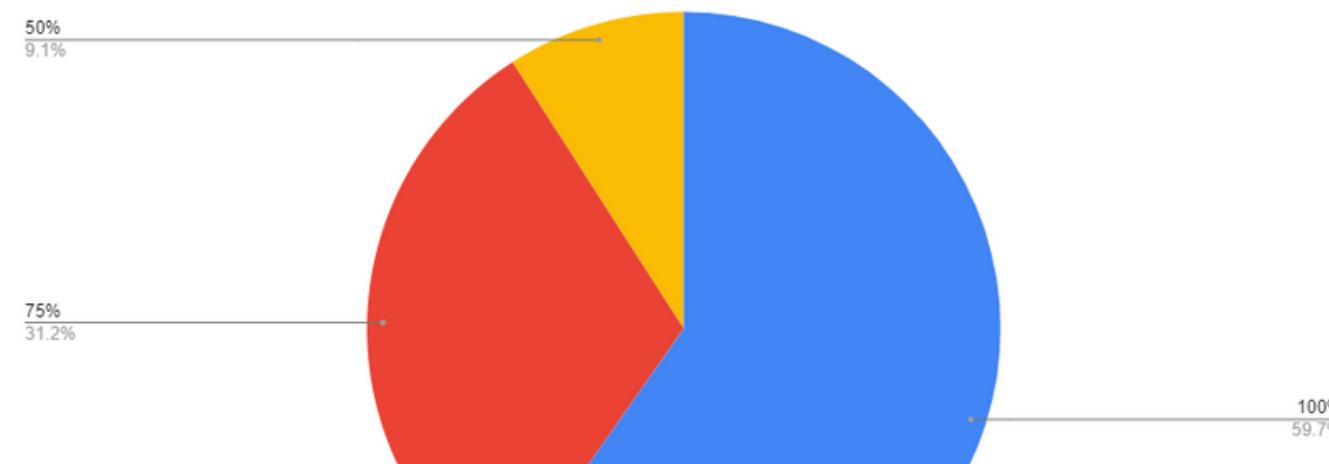
Quality of content and how logical the content was
కంటెంట్ యొక్క నాణ్యత మరియు తార్కికత ఎంత ఉంది?



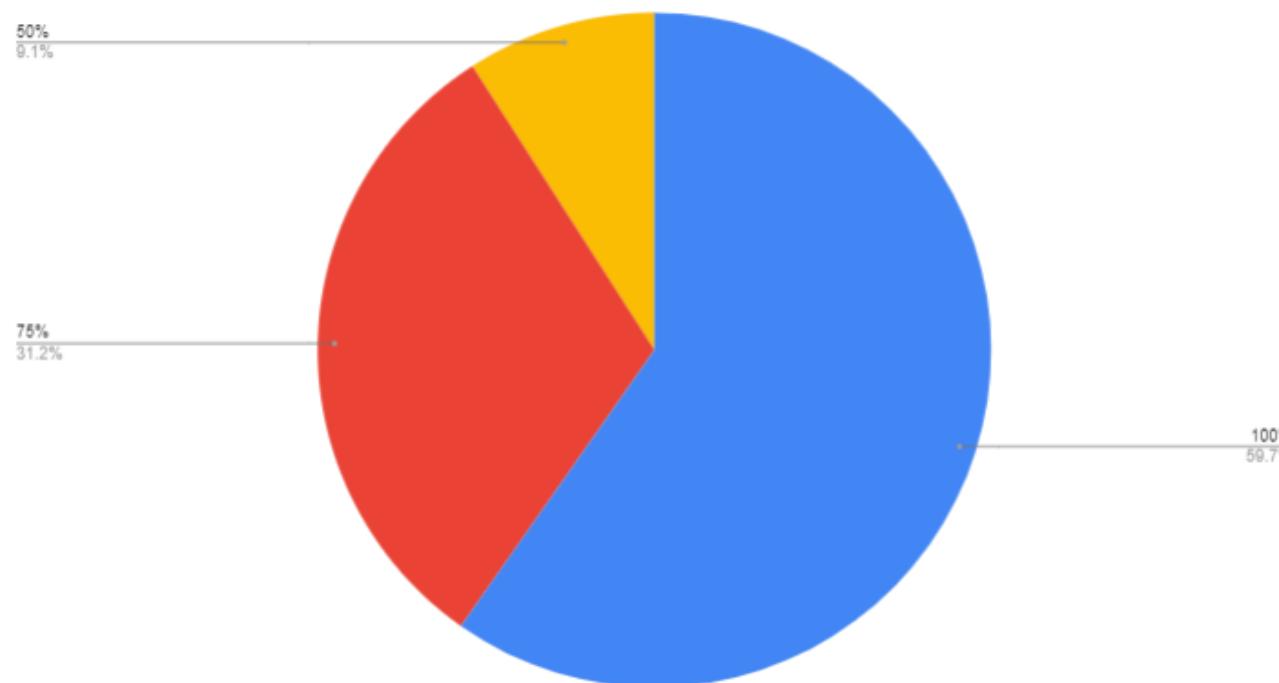
How would you rate the quality of visuals(videos , images)
మీరు చూసిన విడియోస్ అండ్ ఫోటోల నాణ్యతకు ఎంత శాతం ఇస్తారు? vs Percentage



Will you discuss your learning with your parents & relatives so that they can be safe in cyber space?
మా తల్లిదండ్రులు మరియు బంధువులు సైబర్ సైన్స్ లో సురక్షితంగా ఉండేందుకు వారితో మీ అభ్యాసం గురించి చర్చిస్తారా?

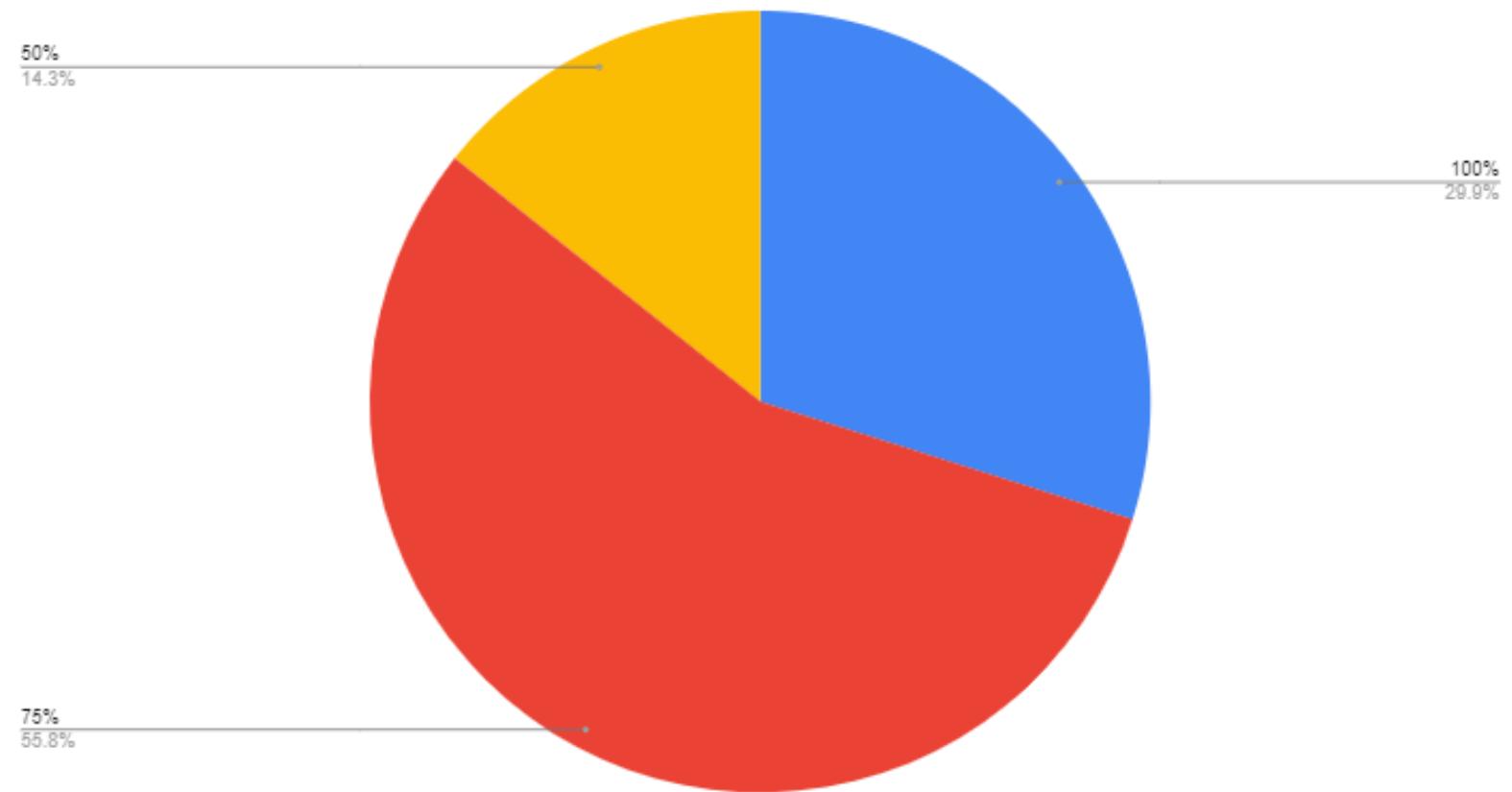


How confident are you in applying what you have learned
మీరు నేర్చుకున్న పాటిని అన్వయించడంలో మీరు ఎంత నమ్రకంగా ఉన్నారు

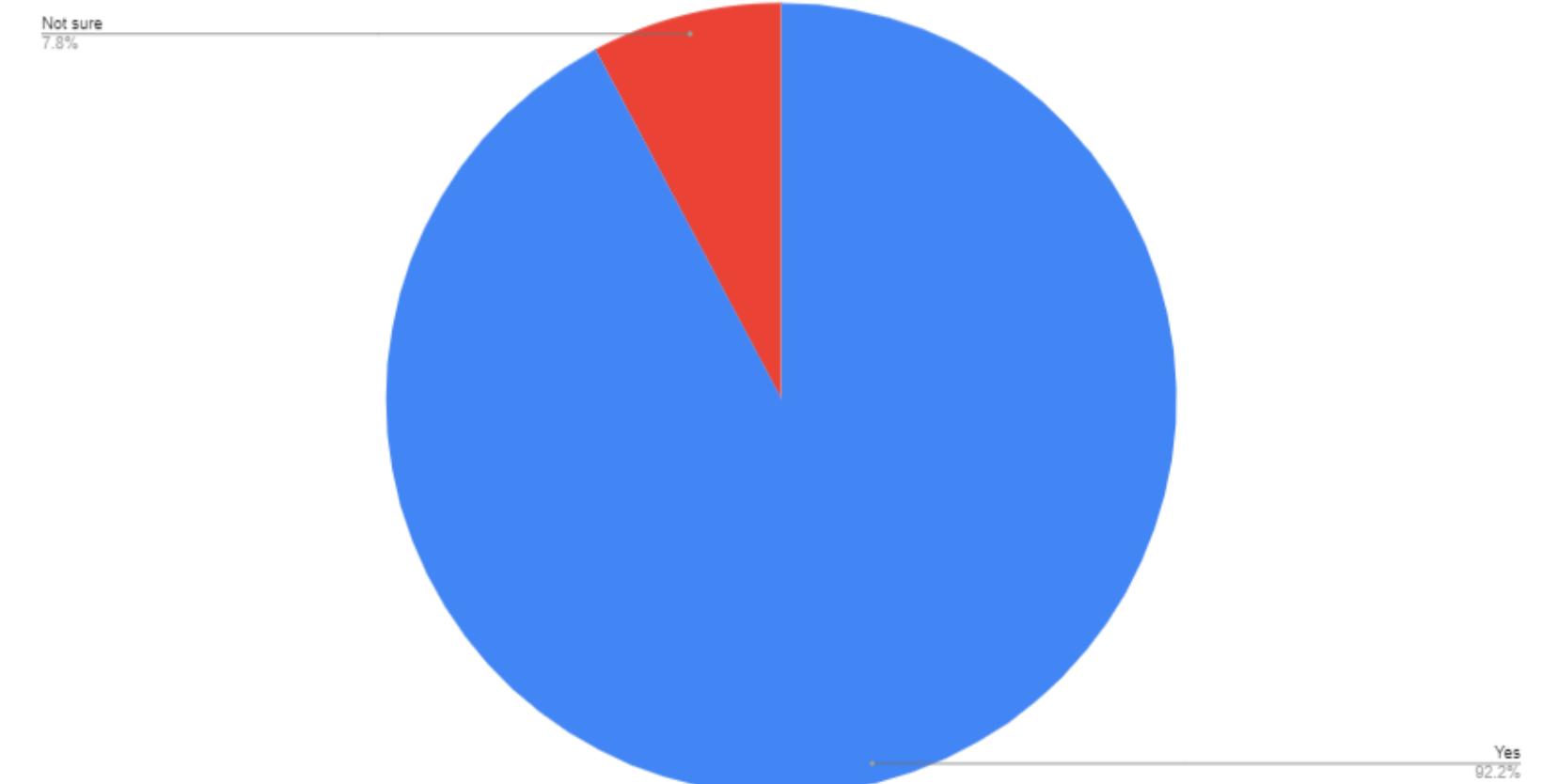


Quantitative Progress - Highlights

Rate the gamification element in the course
కోర్సులో గెమిపికేషన్ మూలకాన్ని రేట్ చేయండి?



Are the learnings /videos/content in comics relatable to your cyber crimes around you?
కామిక్స్ లోని అభ్యసాలు విడియోలు కంచెంట్ మీ చుట్టూ ఉన్న మీ సైబర్ నెరాలకు సంబంధించినవేనా ?



Qualitative Progress



Ms. Gulnaz Begum
Government High School, Rajampet,
Sangareddy

"I want to become an IPS officer and Cyber Security Training under this program was really beneficial and I would recommend it to other students and my first step towards the goal. As I became Cyber Ambassador, now I can help others and aware them against the cyber threats."

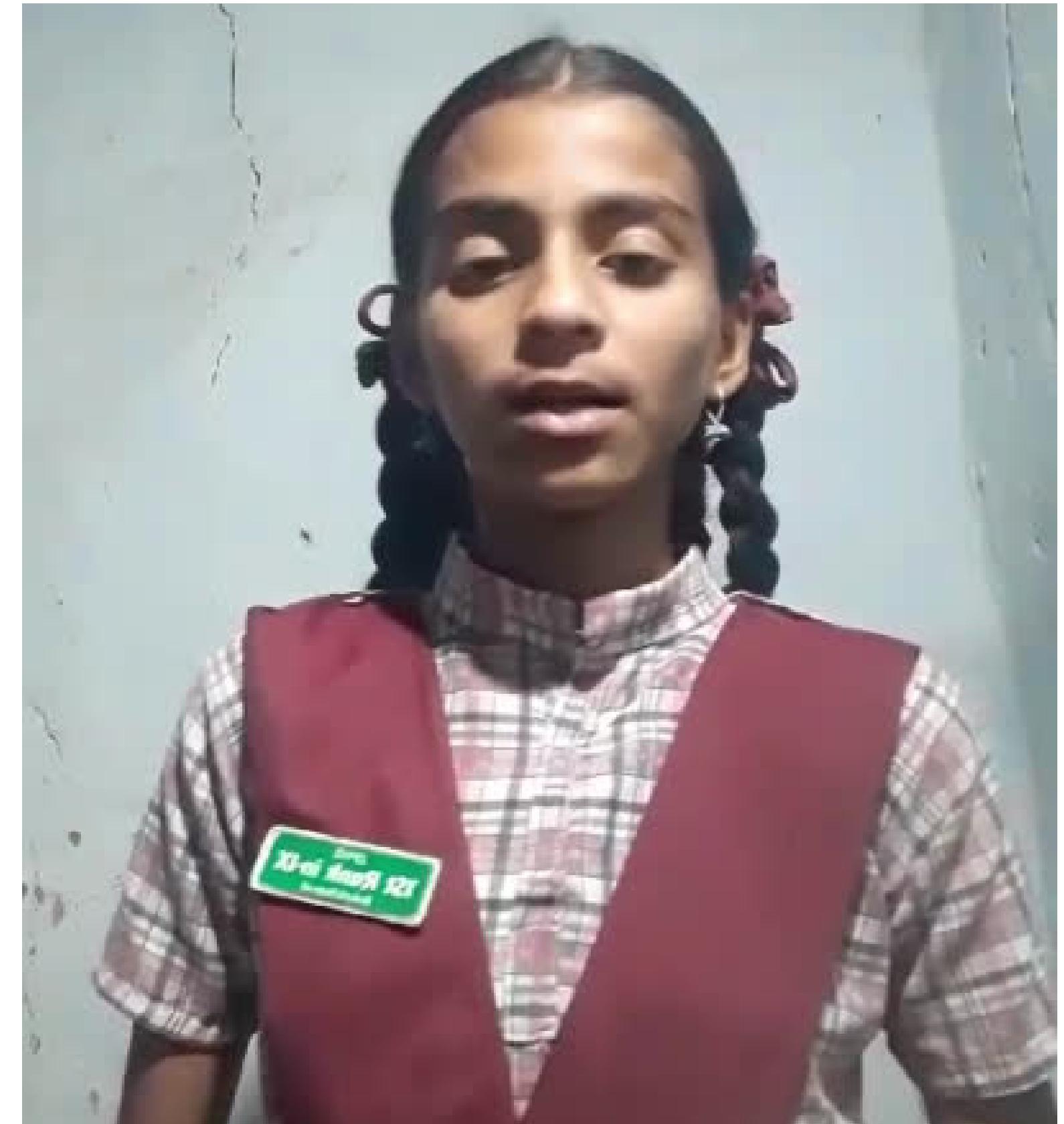


Ms. Safoora Mirza
ZPHS Bakrichipyal, Siddipet

"I recently completed several courses on cyber security and I found them to be incredibly informative and useful. The courses covered a wide range of topics, from basic security principles to advanced detection and response techniques."

Qualitative Progress

Combined Feedback









Analysis

This project was a resounding success in achieving its goals of raising awareness and improving cyber security.

Through the implementation of the cyber security framework and the cyber awareness programs, the organization was able to identify and address privacy related queries, improve security measures, and empower students with the knowledge and skills they need to stay safe online.

The feedback received from the teachers and students was overwhelmingly positive, indicating that the programs were engaging, informative and practical.

The success of the project can be attributed to the dedication and hard work of the ground team and Point of Contact at School/Colleges, who were able to develop and implement a comprehensive and effective strategy.

Moving forward, the organization will need to continue to monitor and adapt to the ever-evolving threat landscape to ensure students digital safety and regular reviews and updates of the cyber security programs, as well as ongoing training and awareness initiatives, will be crucial to maintain a strong and resilient security posture.

Our Next Steps



Action Step 1

Need to Conduct regular reviews of the cyber security framework and programs to ensure that they remain up-to-date and effective in addressing emerging threats and vulnerabilities.

Action Step 2

Work with teachers and staff to integrate cyber security education into the school curriculum, including topics such as online safety, password management, and responsible use of technology.

Action Step 3

Encourage the development of a school/college-wide culture of cyber security awareness, with ongoing communication, reminders, training and workshops about safe online practices.

Learnings for Future Execution

Learning 1 <p>Wherever Mentor Teacher and WSW/CAP resource person is available it is easy to implement the project. Otherwise we need to send additional resource to the center or connect with the school virtually through whatsapp or Google meet and explain it thoroughly to other teachers to get it executed</p>	Learning 2 <p>The institutes where student id has been already created during pilot phase and functioned well, other courses can be provided with same credentials. In this way students will be able to get the best possible knowledge/quality lectures.</p>	Learning 3 <p>The students from other classes who were not included in the CAP phase III are also interested and feeling deprived, can be seen through feedbacks.</p>
Learning 4 <p>Train-the-trainer program to empower teachers and staff to become ambassadors for cyber awareness and safety within their schools and communities.</p>	Learning 5 <p>Data Sensitization before initiation of the Phase is really critical. It can be done with the collaborative efforts by WSW, Education Department and Cyber Secura.</p>	Learning 6 <p>Cyber Secura need to work on the data centric portals and real-time updates, to make it more easy, ready-to-go, and direct access to the course.</p>

Our Next Steps

Action Step 1	Action Step 2	Action Step 3	Action Step 4
Schools where the CAP phase III was successfully implemented other students can be included in next phase to do the Cyber Security and Awareness course.	Private Schools can also be brought under the umbrella of CAP Project in next phase along with the government schools.	As online course is scalable where every student can be trained, collaboration for the funds with Telangana Education Department and CSR from the Private Firms can be explored.	The institute with less number of resources(laptop/computers) and unstable internet. Cyber Secura team can visit with the devices(tablets and dongles) to execute the process.

Our Next Steps

Action Step 1 <p>Develop a standardized cyber awareness curriculum that can be easily adapted and implemented in different schools, taking into account the age, grade level, and other factors of the students.</p>	Action Step 2 <p>Establish partnerships with other organizations and stakeholders, such as local government, law enforcement, and industry associations, to leverage their resources and expertise in promoting cyber awareness and safety.</p>	Action Step 3 <p>Conduct regular assessments of the cyber security posture of the schools and provide recommendations for improvement, based on the best practices and standards established by the organization.</p>	Action Step 4 <p>Develop and implement a communication and outreach plan to raise awareness about the importance of cyber security among parents, teachers, and students, and to promote the cyber awareness curriculum.</p>
Action Step 5 <p>Train-the-trainer program to empower teachers and staff to become ambassadors for cyber awareness and safety within their schools and communities.</p>	Action Step 6 <p>Establish a monitoring and evaluation framework to measure the impact of the cyber awareness project on the schools and students, and to identify opportunities for improvement and further expansion.</p>	Action Step 7 <p>Leverage technology, such as online learning platforms and gamification techniques, to make the cyber awareness curriculum more engaging and interactive for students.</p>	Action Step 8 <p>Host events and competitions, such as hackathons and cyber security challenges, to engage students and promote the development of cyber security skills</p>

Cyber Ambassadors Platform(CAP)

Conclusion and Recommendation

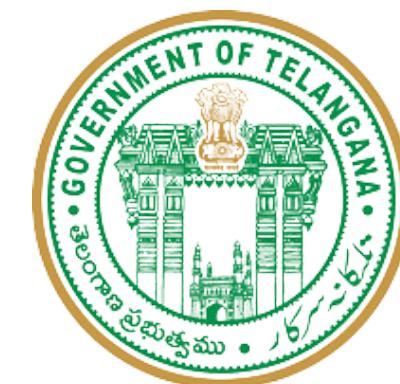
The Cyber Ambassadors Platform(CAP) - Cyber Security Awareness Course, through its various phases, has significantly contributed to enhancing cyber literacy among students in Telangana. The collaborative efforts of the Women Safety Wing, Telangana Police, the Education Department, and Cyber Secura Pvt. Ltd. have been pivotal in shaping the success of this initiative.

Recommendations :

- CAP could signifies a pivotal step towards integrating Cyber Awareness Programs into the curriculum of government schools. By targeting this demographic, it ensures that students from all socio-economic backgrounds have access to crucial knowledge about online safety and digital citizenship.
- CAP could should now ensure that every student enrolled in government schools will have access to quality and verified content pertaining to cyber awareness. This universal access aims to bridge the digital divide, ensuring that no student is left behind in the rapidly evolving digital landscape.
- CAP could provide all the students with access to information on their fingertips, the program empowers them to navigate the digital world safely and responsibly. It equips them with the necessary skills and knowledge to identify online threats, protect their privacy, and engage in ethical online behavior.
- CAP could enhances the effectiveness of the program but also fosters trust among students, parents, and educators in the materials being provided.
- CAP could Implement the Cyber Awareness Programs in government schools which will lay the foundation for a digitally literate society. By educating students at a young age, it cultivates habits of responsible digital citizenship that can have a long-term positive impact on individuals, communities, and the nation as a whole.

CAP phase III, has laid the stone for the Cyber Awareness program to be conducted in the government as well as private schools for all the students where every individual will have access to the quality and verified content on their fingertips.

Report at a Glance





Contact us if there are any questions.

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