

A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)

**Affiliated to Adikavi Nannaya University
Jagannaickpur, Kakinada.**

DEPARTMENT OF COMPUTER SCIENCE



**CYBER SECURITY
AWARENESS MONTH**

OCTOBER, 2024

2024-2025

REPORT ON THE ACTIVITIES ORGANIZED IN CONNECTION WITH CYBER SECURITY AWARENESS MONTH

In connection with Cyber Security Awareness Month, the Department of Computer Science organized a series of activities aimed at educating the public and students about cyber threats and security measures in the month of October, 2024.

Objective:

To enhance awareness and understanding of cyber security among students and the community by educating them about common cyber threats, safe online practices, and innovative solutions to mitigate these challenges.

The activities organized during Cyber Security Awareness Month aimed to empower participants with knowledge and practical skills necessary for navigating the digital world safely. Through engaging presentations and community outreach, the initiative sought to foster a culture of cyber vigilance and promote proactive measures to protect against cyber threats. The activities included Seminar on Cyber Security organized by CCE, poster presentation on "Staying Safe in the Digital World", a paper presentation on "Innovative Solutions to Cyber Security Challenges" and community outreach programme focussed on Cyber Security.

Poster Presentation: "Staying Safe in the Digital World" held on 03-10-2024:

This event aimed to educate students about cybersecurity risks and promote safe online practices. Participants were encouraged to create informative and visually engaging posters covering topics such as password security, phishing awareness, and safe browsing habits. The posters were displayed prominently in a common area, allowing students to explore the various aspects of digital safety while interacting with their peers.

The event saw enthusiastic participation, with 51 students from for I, B.Sc.(H)CS, II B.Sc.(H)CS & II B.Sc(Minor), III B.Sc.(MPCS & MSCS) & II & III B.Com(Computer Applications) showcasing their creative work. The posters illustrated key topics such as:

- Importance of strong passwords
- Recognizing phishing attacks
- Safe browsing practices
- Social media privacy settings
- Steps to secure personal devices

Our faculty members Dr. B.Suryanarayana Devara, Lecturer in Physics and S.Madhavi, Lecturer in Zoology, evaluated the posters based on clarity, creativity, and relevance. Attendees expressed appreciation for the

opportunity to learn from their peers and engage in discussions about critical cybersecurity issues. Overall, the poster presentation successfully raised awareness about the importance of digital safety, fostering a proactive approach to cybersecurity among the student body.



M.Anusri, II B.Sc.(H) CS Presenting her Poster Presentation on “Prevention of cyber attacks”



Student participants with Posters along with Principal & Staff



S.Ganga Mahalakshmi, III Bsc(MPCS), Presenting her Poster on “Frauds in Online Payment Systems”



Principal Dr.V.Anantha Lakshmi, visit to the Exhibition of posters for providing Awareness on Cyber Security to the students of the college



Exhibition of Posters by the participants to the students of the AS Junior College to spread Awareness on Cyber Security



Exhibition of Posters by the participants to the students of the AS Junior College to spread Awareness on Cyber Security

Paper Presentation: "Innovative Solutions to Cyber Security Challenges" held on 04-10-2024

The event aimed at raising awareness among the students on the recent developments in the field of Computer Science, focusing on the latest technologies and strategies to combat growing cyber threats.

A total of 26 students from for I B.Sc.(CS), II & III B.Sc.(MPCS) & II & III B.Com(Computer Applications) participated in the activity. The presentations covered a range of topics, including artificial intelligence in threat detection, data integrity, and new approaches to securing devices. Each speaker highlighted real-world case studies and innovative practices that organizations are implementing to enhance their cybersecurity posture. . The event enhanced students' understanding of real-world cyber security challenges and the importance of innovation in addressing these issues. Overall, the paper presentation was well-received, successfully raising awareness and inspiring further exploration of innovative cybersecurity strategies among participants. Dr. M.Sulakshana, Lecturer in Botany and Ms.D.Jayasree, Lecturer in Microbiology acted as Judges for the activity.



Y. Suchitha Devi, II B.Sc.(H) CS Presentation on “Data Breach”



Kakinada, Andhra Pradesh, India
1, near Womens College, Jagannaickpur, Kakinada, Andhra Pradesh 533002, India
Lat 16.939963°
Long 82.23845°
04/10/24 02:59 PM GMT +05:30

K. Veerendramani, II B.Com(Gen) Presentation on “Cloud Security”

Prize Distribution to the Winners and Participants of the Competitions held:



Kakinada, Andhra Pradesh, India
1, near Womens College, Jagannaickpur, Kakinada, Andhra Pradesh 533002, India
Lat 16.939894°
Long 82.238458°
25/10/24 03:01 PM GMT +05:30

Principal Dr.V.Anantha Laskhmi & IQAC Co-ordinator M.Vasantha Lakshmi distributing Prizes to the Winners of Paper Presentation



Principal Dr.V.Anantha Laskhmi & IQAC Co-ordinator M.Vasantha Lakshmi distributing Prizes to the Winners of Poster Presentation



Participants with Principal, IQAC Co-ordinator and Staff

Awareness Campaigns

In addition to the presentations, the Department organized awareness campaigns targeting local schools and the community.

On 19-10-2024, an outreach activity was organized for the students of St. Ann's Girls High School, Kakinada, on recognizing cyber threats and employing basic security. Distribution of informative pamphlets outlining cyber safety tips was also carried out. Interactive sessions where participants could ask questions and discuss their concerns regarding online safety was also organized. This activity provided significant advantage to the girl students of St. Ann's Girls High School by equipping them with essential knowledge and skills to navigate the digital landscape safely. The students learned to recognize various cyber threats and understand the importance of online safety measures, such as creating strong passwords and identifying phishing attempts. This knowledge not only empowered them to protect their personal information but also fostered a sense of confidence in using technology responsibly. Additionally, the initiative encouraged open discussions about digital safety, helping to build a supportive community where students felt comfortable sharing their concerns and seeking guidance on cyber security issues. Overall, the activity instilled valuable skills that benefited the students in their academic and personal lives as they became more active participants in the digital world.



St. Ann's School students listening to the talk on various cyber-attacks and threats



Students explaining about various Cyber Threats to the School students



Students and Staff of the Department explaining about various types of Data breach to the school students



Students explaining about various security measures to the School students



Students explaining about Cyber threats and attacks to public

Along with this, students carried out outreach activities in General public on 04-10-2024 and 26-10-2024, campaigning in the community about cyber threats and measures to be taken to avoid them. During the outreach, college students engaged common public through interactive presentations and discussions. Participants were encouraged to ask questions and share their own experiences related to cyber security, creating an open and informative environment. Informative pamphlets outlining essential cyber safety tips were distributed, ensuring that attendees left with tangible resources they could reference in the future. The event not only enhanced awareness about cyber threats but also empowered community members to take proactive measures to protect their digital identities. Overall, the outreach successfully fostered a culture of cyber vigilance and responsibility, highlighting the importance of staying informed in an increasingly digital world.



Faculty and Students explaining about Cyber threats and attacks to public



Faculty and Students explaining about Cyber threats and attacks to public



Students explaining about Cyber threats and security measures to public

The outreach activities successfully informed over 200 students and community members about the importance of cyber security. Participants expressed gratitude for the practical advice and resources provided, demonstrating a clear increase in awareness of cyber threats.

Conclusion

The activities conducted by the Department of Computer Science at A.S.D. Govt. Degree College for Women(A), in October 2024 significantly contributed to raising awareness about cyber security. The poster and paper presentations, along with community outreach efforts, effectively educated participants on staying safe in the digital world and highlighted innovative solutions to contemporary cyber challenges.