

## **BEST PRACTICES – III**

### **Title: Promoting a Cyber Safety and Intelligence Culture.**

#### **Objective:**

1. To instruct individuals on how to maintain a secure presence when using the internet.
2. To assist everyone in identifying suspicious emails and links.
3. To Promote the use of strong, one-of-a-kind passwords.
4. To educate people on how to safeguard their digital footprint.
5. Promote using multi-factor authentication for extra security.
6. To educate everyone on managing social media to prevent fraud and scams.

#### **Context:**

Cyber risks are growing more complex in today's increasingly digital environment, so cultivating a culture of awareness and alertness is essential. The goal of Promoting a Cyber Safety and Intelligence Culture is to give people the information and abilities they need to safeguard their digital assets and themselves. This program emphasizes responsible technology use, safe online conduct, and the value of proactive actions including identifying cyber threats, protecting personal information, and keeping up with emerging dangers. The intention is to reduce risks and establish a community that actively contributes to a safe online environment for all by fostering an atmosphere where cyber safety is a shared responsibility.

#### **Practice:**

Our college hosts cyber safety and awareness sessions under the various departments. We are conducting expert-led campaigns to raise public awareness of the dangers of online fraud, identity theft, and phishing among students. Students learn the skills needed to stay aware and detect potential threats. Using strong passwords, safeguarding personal information, and understanding digital ethics are all aspects of responsible online behavior highlighted in these lectures. Students are also taught how to use social media responsibly, protect personal information, avoid frauds, and conduct secure online financial transactions. The sessions empower students to be safe online and promote digital security by teaching them how to identify phishing attempts and questionable communications.

#### **Evidence of Success:**

Thanks to sessions led by professionals like Mr. Ashish Kale, Bhishma Kajariya, Mr. Rizvi Imran, and Rohit Kharat, the Cyber Safety and Awareness program has been a huge success. Important subjects covered in these seminars include spotting and avoiding online fraud, comprehending phishing attempts, protecting personal information online, and realising the value of using secure passwords. The presenters gave helpful advice on how to protect private data, steer clear of dubious websites, and communicate securely using encryption software. They also covered prevalent internet dangers like financial fraud, identity theft, and cybercriminals' use of social engineering techniques. Participants received ways to protect oneself in the digital world and learnt about new cyberthreats through case studies and real-world examples. These experts' insightful talks and helpful suggestions have greatly increased knowledge, enabling staff and students to use the internet with greater caution and responsibility. The college community's greater awareness of and proactive approach to cyber safety is proof of the program's effectiveness.

**Problem Occurred:**

- Students have a little bit of difficulty to understanding cybersecurity-related terms
- Limitation of funds / resources.
- The depth of the subject matter sometimes required more time than originally allocated.
- There were minor technical glitches, such as connectivity problems or issues with presentation equipment.

## **BEST PRACTICES – IV**

### **Title: Digital Empowerment for Society: A Step Towards Computing for All**

#### **Objective:**

1. To facilitate ongoing improvements in digital skills in order to promote lifelong learning.
2. To encourage creativity and innovation by utilising digital tools and technologies.
3. To enhance education through the incorporation of digital instruments into the processes of instruction and learning.
4. To promote sustainable development by utilising digital solutions to address environmental and societal issues.
5. To design educational events and seminars for underprivileged groups that emphasise both fundamental and advanced computers.
6. To empower underprivileged girls and women by implementing focused digital literacy programs.
7. To educate those from marginalised communities about opportunities for employment in the digital economy.

#### **Context:**

In the current digital era, having access to technology and being digitally literate have become crucial for involvement in society as a whole, employment, and education. The digital divide is growing, though, as a sizable section of impoverished populations do not have access to internet resources. Acknowledging this difficulty, the college has started a best practice to empower marginalised individuals by giving them the tools and digital skills they need. By addressing socioeconomic disparities and offering equitable chances, this approach seeks to establish an inclusive learning environment. It improves employment and gives people who are struggling the tools they need to access digital platforms for communication, education, and basic services. The initiative targets underprivileged groups, with a particular emphasis on rural communities, women, and girls. This program promotes social responsibility, inclusivity, and sustainable development, all of which are in line with the institution's goal.

#### **Practice:**

The College targets members of poor areas with its extensive digital literacy programs. Basic computer skills, internet navigation, online safety, and the use of digital technologies for education and work are just a few of the many topics covered in these programs. The sessions are intended to assist them access educational materials, enhance their employment prospects, and build their confidence in utilising technology for both professional and personal growth. The initiative promotes using technology to solve societal and environmental issues. As a way to blend digital skills with a feeling of social responsibility, participants not only learn about digital tools but also how they may utilise technology to help solve real-world problems

**Evidence of Success:**

By empowering marginalised groups and giving them the resources they need to thrive in the digital era, the "Digital Empowerment for Society: A Step Towards Computing for All" initiative has demonstrated remarkable effectiveness in closing the digital divide. For impoverished

people and communities, the program has produced long-lasting positive change through greater engagement, better digital skills, higher employment outcomes, and continued community support. Our college has made the decision to open a centre at PVG Primary School and Hostel in Panchavati and Nandur Gaon ,Nashik, in order to support the education of disadvantaged kids. As a computer science-focused institution, we are dedicated to teaching these kids the fundamentals of computers so they can have the digital knowledge they need for a better future.

**Problem Occurred:**

A number of difficulties emerged when carrying out these activities at the school. Students who had limited access to technology found it more difficult to hone and strengthen their digital skills outside of the classroom. Communication of technical instructions was also hampered by language barriers because many students did not know English-based terminology. Additionally, the students' short attention spans during class caused restlessness and a decline in engagement due to their low sitting stamina.