

## Microsoft Philanthropies "Cyber Shiksha for Educators" Training Program

## **Comprehensive Report**

Phase 1: September 23, 2024 - October 5, 2024

Phase 2: February 13, 2025 – February 20, 2025

Phase 3: February 24, 2025 – March 7, 2025



# Microsoft Philanthropies "Cyber Shiksha for Educators" Training Program

The Microsoft Philanthropies "Cyber Shiksha for Educators" Training Program, implemented by ICT Academy, was successfully conducted at The ICFAI University, Jaipur. The program aimed to enhance cybersecurity awareness and skills among faculty members and students through a structured, multi-phase approach. Cybersecurity has become an essential domain in the digital era, necessitating initiatives like this to equip educators and students with the expertise required to mitigate cyber threats.

The purpose of the "Cyber Shiksha for Educators" training program was to strengthen cybersecurity education and awareness within the academic ecosystem. With rising cyber threats globally, it has become crucial for universities to equip faculty and students with industry-relevant cybersecurity skills. This program sought to create a sustainable learning environment where faculty members could train students in cybersecurity best practices, ensuring that future professionals are well-prepared to handle cyber risks.

#### **Objectives of the Training Program**

The primary goal of the initiative was to equip faculty members with comprehensive cybersecurity knowledge and effective teaching methodologies. Through this, the trained faculty could impart cybersecurity education to students, ensuring they were well-versed in risk management and industry best practices. Additionally, the program aimed to prepare a select group of students for advanced cybersecurity training under Microsoft trainers. The initiative sought to create a sustainable knowledge-sharing environment where trained faculty could continue to educate future students, reinforcing cybersecurity awareness and education over time.

#### **Significance of the Training Program**

Cybersecurity threats are growing exponentially, affecting individuals, businesses, and institutions. The importance of this program lies in its ability to enhance the cybersecurity capabilities of educators, who can further disseminate this critical knowledge to students. By embedding cybersecurity education into academic programs, universities can prepare students to enter the workforce with a strong foundation in cybersecurity principles. Additionally,

collaborations with industry leaders like Microsoft ensure that the curriculum remains relevant and aligned with industry standards.

#### **Program Details**

The 'Cyber Shiksha for Educators' program was a multi-phase training initiative that progressed from faculty training to student training and finally to an advanced training stage under the guidance of Microsoft experts. The training was conducted under the supervision of ICT Academy, with Mr. Avi Sharma as the primary contact person. Mr. Sarvesh Kumar served as the Single Point of Contact (SPOC) and a training coordinator, along with Mr. Abhinav Pandey, ensuring smooth implementation and coordination throughout the program

#### **Training Program Breakdown**

#### Phase 1: Faculty Training (September 23, 2024 – October 5, 2024)

In the first phase, faculty members underwent an intensive training session conducted by expert trainers from ICT Academy and Microsoft. The objective was to equip faculty with advanced cybersecurity knowledge and effective teaching methodologies. The training was conducted virtually for a total of 40 hours, with sessions scheduled from 10:00 AM to 12:30 PM and 1:30 PM to 3:00 PM. The faculty members who participated in this training were:

- Mr. Sarvesh Kumar
- Mr. Gopal Patidar
- Mr. Abhinav Pandey
- Ms. Aarti Jangid
- Mr. Bhayesh Shah
- Ms. Toshika Lata
- Mr. Shiwam Pratap Singh

A final assessment was conducted on October 22, 2024, to evaluate their learning outcomes.

#### Phase 2: Student Training by Trained Faculties (February 13, 2025 – February 20, 2025)

Following their training, the faculty members took on the role of trainers and trained 90 finalyear BCA students in fundamental cybersecurity concepts. This phase was conducted on campus, with a training duration of 30 hours spread across five days. Each day consisted of two sessions—one from 10:30 AM to 12:30 PM and another from 1:00 PM to 4:00 PM. The training was led by:

- Mr. Sarvesh Kumar
- Mr. Gopal Patidar
- Mr. Abhinav Pandey
- Ms. Aarti Jangid
- Ms. Toshika Lata

A post-assessment was conducted on February 22, 2025, to evaluate student performance. Out of the 90 students trained, 60 students qualified for the next phase of advanced cybersecurity training.

#### Phase 3: Advanced Cybersecurity Training (February 24, 2025 – March 7, 2025)

The final phase involved an advanced cybersecurity training session conducted by a Microsoft trainer, Mr. Pratik Agrawal. This phase focused on providing an in-depth understanding of cybersecurity threats, risk management strategies, ethical hacking, and security protocols. The training was conducted on campus over 70 hours, with daily sessions from 9:30 AM to 12:30 PM and 1:30 PM to 5:00 PM. The final assessment took place on March 7, 2025, marking the successful completion of the training program.

#### **Benefits of the Training Program**

#### **Professional Gains for Faculty**

- Gained advanced cybersecurity knowledge to integrate into their teaching curricula
- Enhanced academic and professional growth through industry exposure
- Strengthened teaching methodologies in cybersecurity topics

#### **Opportunities for Students**

- Hands-on training in cybersecurity, increasing employability
- Exposure to real-world cybersecurity challenges and best practices
- Specialized knowledge from Microsoft experts, opening career opportunities

#### Strategic Advantages for the Institution

- Strengthened reputation for high-quality cybersecurity education
- Enhanced collaboration opportunities with Microsoft and ICT Academy
- Increased awareness and preparedness against cyber threats

#### **Impact of the Training Program**

The training program significantly impacted both faculty and students. Faculty members acquired advanced cybersecurity knowledge, enabling them to integrate cybersecurity topics into their curriculum and effectively train students. Meanwhile, students received hands-on exposure to real-world cybersecurity challenges, enhancing their preparedness for careers in cybersecurity and IT industries.

#### **Achievements and Success Stories**

The program led to several key achievements. Faculty members improved their teaching capabilities by incorporating cybersecurity topics into their academic sessions. Students developed hands-on expertise in risk assessment, cyber threat detection, and ethical hacking principles. Out of the 90 students trained, 60 advanced to the specialized cybersecurity training under a Microsoft expert. The university also witnessed an increased awareness of cyber threats among students and faculty, fostering a culture of cybersecurity preparedness.

#### **Incentive Structure**

As part of the incentive structure for the training program, Microsoft processed a financial transfer to acknowledge the contributions of the participating faculty and institution. A total amount of ₹10,000 was transferred to the organization, reinforcing its commitment to cybersecurity education. Additionally, each faculty member involved in the training received an incentive of ₹4,000 as recognition for their dedication and efforts in facilitating the program. This initiative not only motivated faculty members but also encouraged greater participation in future training programs.

#### **Conclusion**

The successful completion of the Microsoft Philanthropies "Cyber Shiksha for Educators" Training Program represents a major milestone in the university's commitment to cybersecurity

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ನ		Fundamentals of WebMobile Application Security -	I Mobile Security Threats; Mobile Application Security; Fundamentals of Mobile Device Mangement; Overview of Mobile Device Management	Lecture	7	140/81	25
Ŋ		Data Centre Security, Cloud Computing and Data Security- 0	Introduction to Cloud Computing and its types: Basics of Cloud Computing; cloud computing, its types, benefits and other considerations;	Lecture	158	(4/2/3)	X
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## **Modules - Stage 3:**

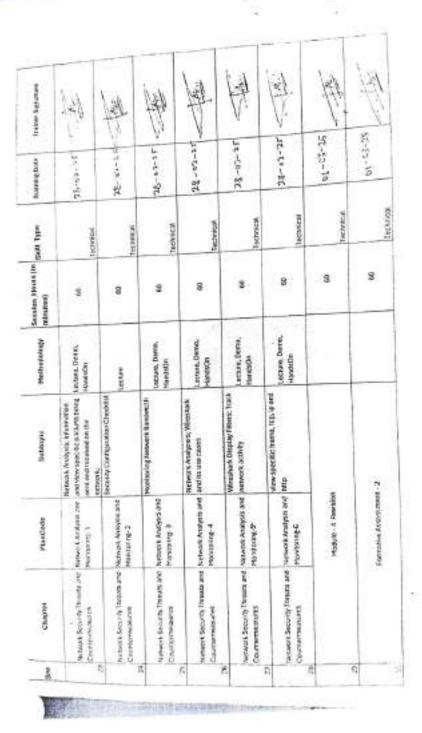
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