



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR



Department of B.C.A.
(2025-26)

Report

On

“Cyber Security and Ethical Hacking”

(2nd January, 2026)

Organized by

Department of Bachelor of Computer Application
(B.C.A.)

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BRIEF INFORMATION

Sr. No.	Title	Details
1.	Organizing Department	Department of Bachelor of Computer Application (B.C.A.)
2.	Title of Activity	Training and Guest lecture on “ Cyber Security and Ethical Hacking ”
3.	Day and Date of Activity	Friday, 2 nd January , 2026
4.	Venue	Classroom : G-14

BRIEF SUMMARY

Name of the Activity

Training and guest lecture on
“Cyber Security and Ethical Hacking.”

Date of the Activity

Friday, 2nd January 2026

Organizing Department

Department of B.C.A.

Karmaveer Bhaurao Patil College, Urun-Islampur

Resource Person

Mr. Amit Bagade

Manager -Strategic Alliance

Mr. Tejas Palaspagar

Sr. Technical Trainer

Mr. Vinod Mane

Assistant Manager

In the present digital era, the rapid growth of information technology and internet-based services has significantly increased the risk of cyber threats and security breaches. With the widespread use of computers, smartphones, cloud platforms, and online transactions, safeguarding digital information has become a critical concern for individuals, organizations, and governments. Cyber security plays a vital role in protecting systems, networks, and data from unauthorized access, attacks, and damage.

Ethical hacking, on the other hand, involves the authorized practice of identifying vulnerabilities in computer systems and networks to strengthen security defences. Ethical hackers use the same techniques as malicious hackers but in a lawful and responsible manner to prevent cyber crimes. Understanding these concepts is essential for students pursuing careers in technology and related fields.

To address the growing need for awareness and knowledge in this domain, the college organized a guest lecture on **“Cyber Security and Ethical Hacking.”** The session aimed to introduce students to fundamental concepts, real-world cyber threats, preventive measures, and ethical responsibilities associated with digital security. The lecture also provided insights into emerging trends and career opportunities in the rapidly evolving field of cyber security.

With the objective of enhancing student employability, the Department of B.C.A. organized a training session and guest lecture on **“Cyber Security and Ethical Hacking”** on Friday, 2nd January 2026. The session was conducted by **Jetking Learning Center, Chinchwad, Pune**. The session witnessed active participation from students, resulting in an interactive learning environment. A discussion session followed, during which faculty members and the resource person shared insights on the importance of mobile application development skills in academic learning as well as industry careers.

Details of the Session :

The lecture aimed to familiarize students with:

- Fundamental concepts of cyber security
- Types of cyber threats and real-world case studies
- Preventive measures and security practices
- Basics of ethical hacking and penetration testing
- Legal and ethical responsibilities in cyber security
- Emerging trends and career opportunities in the field

The resource person explained various cyber attack techniques and demonstrated how vulnerabilities can be identified and mitigated. The importance of strong passwords, multi-factor authentication, data encryption, and secure browsing practices was highlighted during the session.

The session witnessed active participation from students, creating an interactive and engaging learning environment. A discussion session followed the lecture, where students asked questions related to cyber threats, career pathways, certifications, and industry requirements.

Faculty members and the resource person also shared valuable insights on the importance of developing technical skills, including secure application development and emerging technologies, for academic growth and professional success.

OBJECTIVES

To address the growing need for awareness and knowledge in this domain, the Department of B.C.A. organized a Training and Guest Lecture on **“Cyber Security and Ethical Hacking”** on Friday, 2nd January, 2026. The primary objective of the session was to enhance students’ practical knowledge, improve their employability skills, and introduce them to modern and open-source technologies related to cyber security.

OUTCOMES

➤ **Enhanced Awareness of Cyber Threats:**

Students gained a clear understanding of various cyber threats such as phishing, malware, ransom ware, and data breaches, along with their real-world implications.

➤ **Understanding of Ethical Hacking Concepts:**

Participants learned the fundamental principles of ethical hacking, including vulnerability assessment and penetration testing techniques.

➤ **Knowledge of Preventive Security Measures:**

Students became familiar with essential security practices such as strong password management, multi-factor authentication, data encryption, and secure browsing habits.

➤ **Improved Practical and Technical Skills:**

The session strengthened students' practical exposure to cyber security tools and modern technologies, enhancing their technical competence.

➤ **Awareness of Legal and Ethical Responsibilities:**

The lecture emphasized the importance of ethical conduct and legal compliance while working in the field of cyber security.

➤ **Career Guidance and Employability Enhancement:**

Students gained insights into certifications, career paths, and emerging job opportunities in cyber security and ethical hacking, improving their career readiness.

➤ **Increased Student Engagement and Interest:**

The interactive discussion encouraged active participation and motivated students to explore advanced learning in cyber security.

CONCLUSION

The guest lecture proved to be highly informative and beneficial for the students. It enhanced their understanding of cyber security challenges and ethical hacking practices while emphasizing the importance of digital responsibility. The program successfully met its objective of spreading awareness and equipping students with knowledge relevant to current industry demands.

The Department of B.C.A. continues to organize such academic and skill-based activities to prepare students for dynamic career opportunities in the field of Information Technology.

PHOTO GALLERY





The felicitation of the guests, by students





Students of the B. C. A. actively participated in the cyber security and ethical hacking Training and Guest lecture

ATTENDANCE

Mahatma Phule Shikshan Sanstha's
Karmaveer Bhaurao Patil College, Urun-Islampur
Department of B.C.A.
Cyber Security and Ethical Hacking

Day/Date : Friday, 2nd January, 2026

Attendance

Sr. No.	Name of Student	Sign
1	Dhanvantari Ramrao Pawar	D.Pawar
2.	Vaishali Sanjay Ghode	Vaishali
3.	Tanvi Laxman Patil	T.Patil
4.	Pallavi Ravindra Vaddi	P.Vaddi
5.	Vaishnavi Mansing Ghode	V.Ghode
6.	Pranjali Shrikrushna Nalwade.	P.Nalwade
7.	Shraddha Bajiro Khot	S.Khot
8.	Shivganga Shashikant Nalgi	S.Nalgi
9.	Shravani Ramesh Mane	S.Mane
10.	Amruta Ravindra Patil	A.Patil
11	Samiksha Balaso Patil	S.Patil
12	Tanuja Vijay Patil	T.Patil
13.	Senali Babaso Borage	S.Borage
14.	Hayan Shivaji Mote	H.Mote
15	Diksha Sandesh Bhandare	D.Bhandare
16	Sanika Vijaysingh Khattake	S.Khattake
17.	Sanika Krushnat Mali	S.Mali
18	Sahil Vatae	S.Vatae
19.	Shreya Deepak Bhagwat.	S.Bhagwat
20	Minakshi Arjun Jurgae	M.Jurgae
21	Sandhya Deepak Chalake	S.Chalake
22	Vaishnavi Vasant Gajare	V.Gajare
23.	Shreya Mahadev Patil	S.Patil
24.	Amruta Manik Nikam	A.Nikam
25	Abhishek Shivaji Vatae	A.Vatae
26	omkar Vatae	O.Vatae

Report Submitted By : P. A. Kupade