



Shri Mohatadevi Shikshan Sanstha, Aurangabad.

PRAGATI MAHAVIDYALAYA

Sawkheda, Tq. Sillod, Dist. Aurangabad.

Affiliated to: S.N.D.T. Women's University, Mumbai

College Code: 442 Exam. Center Code: 291

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Mrs. Kaveri Palkar
President

Mrs. Archana Mukhekar
Secretary

Dr. Varsha Phalke
Principal

Ref No.: PMS/2021-2022/-

Date : 07/02/2022



Report on One-Day Online Workshop on "Ethical Hacking"

Introduction: On 7th February 2022, PragatiMahavidyalay, Sawkheda, Sillod, Aurangabad, conducted a one-day online workshop on "Ethical Hacking." The workshop aimed to provide participants with an understanding of ethical hacking practices, tools, and techniques, along with the importance of cybersecurity in the modern digital landscape. The event was targeted at students, faculty members, and professionals interested in the field of information security.

Details of Workshop:

Date: 7th February 2022

Mode: Online

Hosted by: PragatiMahavidyalay, SawkhedaSillod, Aurangabad

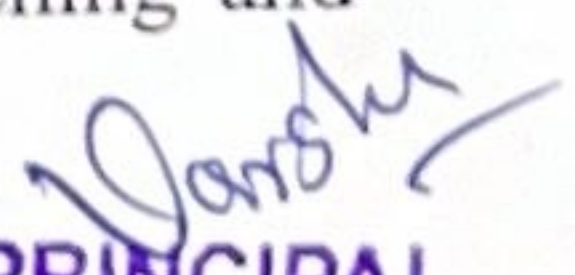
Guest Speaker: Prof. G.B. Ghuge, New Bhagwan Arts, Commerce and Science College, Tanpurwadi

Coordinator: Prof. Chandranayan K. Waghmare

Principal: Dr. Varsha S. Phalke

Objective: The primary objective of the workshop was to equip participants with essential knowledge and skills related to ethical hacking, including its role in identifying vulnerabilities and enhancing the security of information systems. The session sought to promote awareness about ethical practices in cybersecurity and the significance of ethical hackers in protecting digital assets.

Guest Speaker: The workshop featured Prof. G.B. Ghuge from New Bhagwan Arts, Commerce, and Science College, Tanpurwadi, as the guest speaker. Prof. Ghuge is an expert in cybersecurity and ethical hacking, with extensive experience in teaching and


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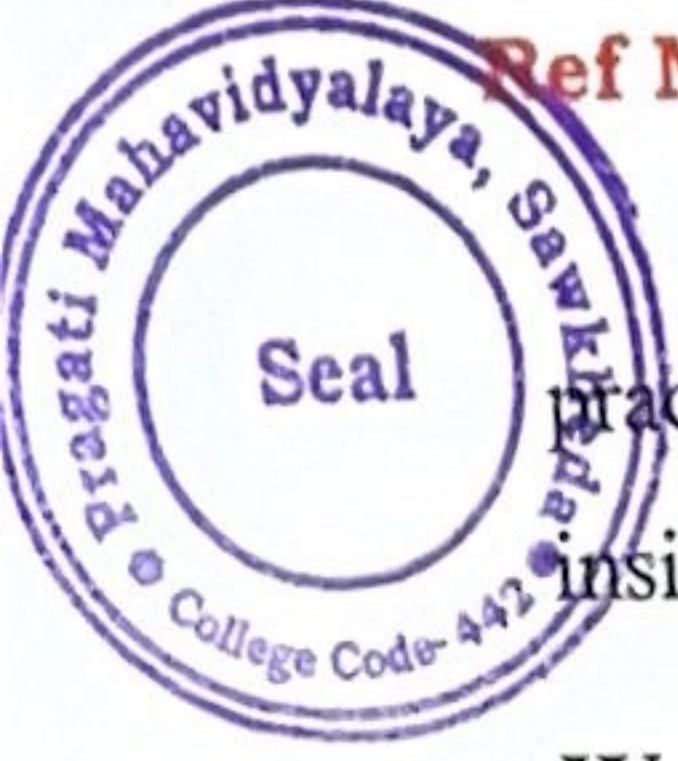
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practical applications in the field. His expertise provided participants with valuable insights into the world of ethical hacking.

Workshop Highlights:

- **Opening Remarks:** The workshop began with a welcoming speech by Dr. Varsha S. Phalke, Principal of Pragati Mahavidyalaya. She emphasized the growing importance of cybersecurity in today's technology-driven world and the need for individuals to understand ethical hacking as a critical component of information security.
- **Presentation by Prof. G.B. Ghuge:** Prof. Ghuge delivered a comprehensive presentation on ethical hacking, covering a range of topics, including:
 - Definition and purpose of ethical hacking
 - Differences between ethical hacking and malicious hacking
 - Phases of ethical hacking: reconnaissance, scanning, gaining access, maintaining access, and covering tracks
 - Common tools used in ethical hacking (e.g., Nmap, Metasploit, Wireshark)
 - Legal and ethical considerations in hacking
 - Best practices for securing information systems and networks

Prof. Ghuge illustrated the presentation with real-world examples and case studies, demonstrating how ethical hackers identify vulnerabilities and help organizations strengthen their security measures. He also stressed the importance of adhering to legal and ethical standards in the field of cybersecurity.

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Interactive Session: Following the presentation, an engaging Q&A session was held, where participants had the opportunity to ask questions and discuss various aspects of ethical hacking. Prof. Ghuge provided insightful answers and shared practical advice on pursuing a career in ethical hacking and the necessary skills required.

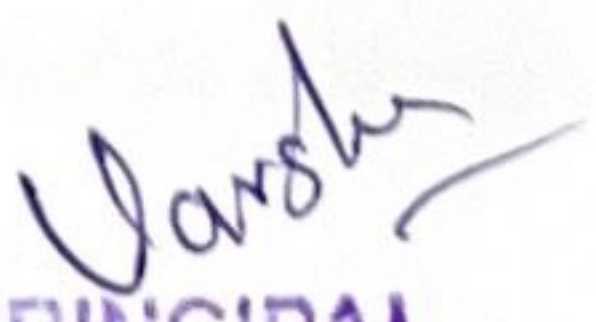
- **Closing Remarks:** The workshop concluded with Prof. Chandranayan K. Waghmare, the event coordinator, thanking Prof. G.B. Ghuge for his valuable insights and the participants for their active involvement. He encouraged attendees to explore further learning opportunities in cybersecurity and ethical hacking.

Summary: The one-day online workshop on "Ethical Hacking" was highly successful, equipping participants with essential knowledge about the role of ethical hacking in cybersecurity. The session fostered a greater understanding of how ethical hackers contribute to protecting organizations from cyber threats and the importance of ethical practices in the digital world.

Feedback from participants indicated that they found the workshop informative and expressed interest in future sessions on related topics. The event served as an important platform for promoting awareness of cybersecurity issues and the skills required to pursue a career in ethical hacking.


Coordinator

Principal


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