

**A**  
**Workshop Report**  
**On**  
**Ethical Hacking and Forensic  
Investigation**

**October 17-19, 2019**

**Organized by**



**Information Security and Education Awareness  
(ISEA) Club**

**Venue**



**Department of Computer Science and Application**  
**Atal Bihari Vajpayee University, Bilaspur (C.G.), India**

The "Ethical Hacking and Forensic Investigation" workshop, conducted from October 17-19, 2019, was organized by the Information Security and Education Awareness (ISEA) Club of the Department of Computer Science and Application at Atal Bihari Vajpayee University, Bilaspur.

The workshop aimed to equip participants, including police officers and students interested in a career in cyber-security, with the knowledge and skills required for ethical hacking and forensic investigation. The workshop provided an excellent platform for participants to network and collaborate with peers, professionals, and trainers. It facilitated the exchange of ideas and experiences among individuals with a common interest in cyber-security. Participants gained insights into emerging trends in cyber-security, including the significance of proactive ethical hacking to identify vulnerabilities and threats, as well as the growing importance of digital forensics in solving cybercrimes. Fifty students from PG Certificate in Cyber Security and Cyber Law and M.Sc. (Computer Science) of the department have actively participated in this workshop.

The first day of the workshop started with an inaugural session with a welcome note and workshop overview by Dr. H. S. Hota, Professor and Head of the Department of Computer Science and Application. This was followed by the Presidential Address and inaugural address by Professor G. D. Sharma, Vice-Chancellor, Atal Bihari Vajpayee University, Bilaspur, Chhattisgarh, India. Professor G. D. Sharma commended the department for organizing such a significant event and lauded the efforts of Dr. Hota. Vote of thanks was proposed by Ms. Shriya Sahu, Assistant Professor, the Department of Computer Science and Application.

The primary objectives of the workshop were:

- ✓ To provide participants with a foundational understanding of ethical hacking and forensic investigation.
- ✓ To introduce participants to the tools and techniques used in ethical hacking.
- ✓ To enhance participants' skills in cyber forensics.
- ✓ To facilitate networking and knowledge exchange among participants.

The workshop spanned three days and featured a comprehensive agenda that included:

- ✓ Expert-led sessions on ethical hacking methodologies and practices.
- ✓ Hands-on training in using ethical hacking tools.
- ✓ Practical sessions on cyber forensics and digital investigation.
- ✓ Panel discussions on cyber-security trends and challenges.

The workshop was organized by the Information Security and Education Awareness (ISEA) Club of the Department of Computer Science and Application. The trainers and presenters were experts in the field of cyber-security, including faculty members and industry professionals.

Some key highlights of the workshop included:

- ✓ In-depth discussions on ethical hacking and its importance in the context of cyber-security.
- ✓ Practical exercises allowing participants to apply ethical hacking techniques.

- ✓ Live demonstrations of cyber forensics and digital investigation.
- ✓ Case studies showcasing real-world cybercrime scenarios.

The "Ethical Hacking and Forensic Investigation" workshop successfully achieved its objectives of educating police officers and aspiring students in the field of cyber-security. It provided a holistic view of ethical hacking and forensic investigation, equipping participants with valuable skills and knowledge to address the challenges of the digital age.

## Photographs

















