



## **Report for One-Day Workshop on “Getting Started with Cyber Security and Practical Open Source Intelligence”**

**Conducted on 7<sup>th</sup> November 2023**

---

**Organized by School of Computer, Information and Mathematical Sciences (SCIMS),  
Department of Computer Applications**

### **Conveners**

1. Dr.Sharmila Shanker, Dean(SCIMS)
2. Dr.S.Pakkir Mohideen, HoD/CA

### **Coordinators**

1. Dr.R.Shanthi, AP / CA
2. Mrs.Sabaria, AP / CA

One-Day Workshop on “Getting Started with Cyber Security and Practical Open Source Intelligence” was held on **07<sup>th</sup> November, 2023**, during **10.00 am to 4.00 pm**. The Department of Computer Applications, School of Computer, Information and Mathematical Sciences organized the event.

The Resource person of this workshop was, **Renganathan P, Ethical Hacker and Cyber Security Researcher / R Protocols**.

**The report discusses about the following aspects of the programme:**

### **Introduction**

- On November 7th, 2023, the Department of Computer Applications organized a One-Day Workshop on “Getting Started with Cyber Security and Practical Open Source Intelligence”.
- The workshop was organized by the faculty members Dr.R.Shanthi and Mrs.S.Sabaria
- The resource person of this workshop was Renganathan P, Ethical Hacker and Cyber Security Researcher, R Protocols.
- The workshop was attended by students and faculty members of the department.

### **Key Takeaways**

**The workshop focused on the following key takeaways:**

- Understanding the basics of Cyber Security.
- Recognizing the value of Open Source Intelligence in understanding potential threats, vulnerabilities, and the overall security landscape.
- Developing skills in gathering information through legal and ethical means.
- Familiarizing oneself with tools like Wireshark, Maltego, and OSINT Framework to enhance capabilities in information gathering and analysis.
- Adhering to ethical guidelines and legal boundaries when conducting OSINT activities.
- Collaborating with peers, joining forums and communities, and participating in information-sharing initiatives to broaden knowledge and stay abreast of industry developments.
- Engaging in hands-on activities, such as setting up virtual labs, conducting penetration testing, and experimenting with security tools to reinforce theoretical knowledge.
- Building a strong foundation and acquiring certifications such as Certified Information Systems Security Professional (CISSP) or Certified Ethical Hacker (CEH).

## **Presentation and Delivery**

- The delivery of the presentation and hands-on session during the workshop was well-organized and informative.
- Renganathan P, an Ethical Hacker and Cyber Security Researcher, presented the topics in a clear and concise manner.
- He began with fundamental protective concepts such as encryption, firewalls, and malware.
- He elaborated on cyber threats and discussed popular open-source tools available for cybersecurity and OSINT.
- Real-time examples were used to illustrate the concepts.
- Practical tips were provided on how to pursue certification courses and become a professional in this field.

## **Audience Engagement**

- The workshop was well-received by the audience, and they actively participated by asking questions and seeking clarifications.
- The speaker encouraged the audience to pose questions and provided detailed answers to each query.
- The audience also shared their experiences and discussed the challenges faced in the field of cybersecurity and open-source intelligence, contributing to the enrichment of the overall discussion.

## **Conclusion**

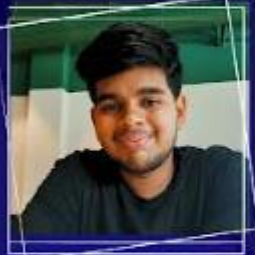
- The "Getting Started with Cyber Security and Practical Open Source Intelligence" workshop provided a valuable platform for participants to embark on their journey into the dynamic field of cybersecurity.
- The speaker provided a Capture The Flag (CTF) challenge to participants, simulating real-world cybersecurity scenarios. He encouraged participants to apply their knowledge and skills to solve a diverse range of challenges.
- The workshop successfully achieved its objectives, as evidenced by:
  - Increased understanding of cybersecurity basics among participants.
  - Improved awareness of the role and value of OSINT in enhancing security measures.
  - Enhanced skills in legal and ethical information gathering techniques.
  - Proficiency gained in using key tools for information gathering and analysis.

- Heightened awareness of ethical considerations and legal boundaries in OSINT activities.
- Overall, it was an enriching experience for everyone who attended the workshop.



The Brochure highlighting the necessary information about the One-Day Workshop on “Getting Started with Cyber Security and Practical Open Source Intelligence” was designed and circulated. The Brochure is displayed below:

**38 YEARS OF ACADEMIC EXCELLENCE**      **A+ NAAC**      **Crescent** Institute of Science & Technology  
SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES  
DEPARTMENT OF COMPUTER APPLICATIONS ORGANIZES  
ONE DAY WORKSHOP ON  
**GETTING STARTED WITH "CYBER SECURITY, AND PRACTICAL OPEN SOURCE INTELLIGENCE"**

**SPEAKER**



**RENGANATHAN.P**  
ETHICAL HACKER AND CYBER SECURITY RESEARCHER



**Convenors**  
Dr. Sharmila Shankar, Dean(SCIMS)  
Dr. S. Pakkiri Mohideen, HoD/CA

**Staff Coordinators**  
Dr. R. Shanthi  
Ms. S. Sabaria

**Student Coordinators**  
Mr. Dayanidhi  
Mr. Abdul Azeeb

**07.11.23**      **10:00 AM - 3:00 PM**      **Advanced computing Lab**

Attached are some pictures of the workshop, showcasing the engaged audience and the speaker's presentation slides.

