A Report on Seminar on "Cyber Security Careers in a Connected World" Organized by Department of Computer Science & Engineering (Cyber Security) on 29.01.2026

Report Submitted by: Mr. Gowtham A, Assistant Professor, Department of CSE(Cyber Security).
Resource Person Details: Dr. Sivaraman Eswaran, Associate Professor, Department of Electrical and Computer Engineering, Curtin University, Malaysia.
Total No. of Participants: 135 Students
Mode of Conduct: Offline.
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Introduction :

Seminar on Cyber Security Careers in a Connected World was organized for the II Year B.Tech CSE(CS) students on 29th January 2026. The session started at 10.30 am on that day.

The session started with a Welcome Address by Head of the Department, Dr. S.V.S. Ganga Devi mam, followed by the Resource Person Seminar on Cyber Security Careers in a Connected World and concluded with the Vote of Thanks by the Event Coordinator, Mr. Gowtham A, Assistant Professor, Dept of CSE(CS).

About the Resource Person:

Dr. Sivaraman Eswaran is a cybersecurity academic and researcher with extensive experience spanning higher education, industry-driven teaching, and applied security research. He currently serves as a Associate Professor in the Department of Electrical and Computer Engineering at Curtin University Malaysia, where he also coordinates the Bachelor of Computing (Cyber Security) program. In addition to his academic role, he serves as the leader of the Sarawak Digital Economy Corporation Cybersecurity Keylabs Working Group.

As a Principal Investigator and Co- Principal Investigator on major grants, he leads and contributes to multiple funded projects on OT/ICS cybersecurity, federated learning for healthcare, TinyML security, anomaly detection, and edge-AI solutions. He also actively drives cybersecurity outreach through community initiatives, Capture-the-Flag (CTF) hackathons, and academic-industry collaborations.

A Fellow of Advance HE (UK) and a Senior Member of IEEE, he has published widely in reputable journals and conferences in cybersecurity, AI, and secure healthcare systems. He is a CompTIA Security+ certified professional, and EC-Council Certified Computer Hacking Forensic Investigator. He is also a Microsoft Certified Professional and EMC Academic Associate. Furthermore, he is a registered volunteer in the National Security Database to assist and guide Cybercrime victims.

Objective of the Seminar:

The main objectives of the seminar are,

- Create awareness about cyber security career opportunities in a globally connected digital world
- Explain emerging cyber threats and the growing demand for cyber security professionals
- Introduce key domains in cyber security such as ethical hacking, forensics, and cloud security
- Highlight required skills, certifications, and learning pathways for cyber security careers
- Encourage students to pursue cyber security roles through industry trends and real-world examples

About the Seminar:

The Resource Person discussed in Detail about the various new threats and malwares exists in the cyber world, then about the tools available to enhance the security aspects followed by, he discussed various career and research opportunities available in Cyber Security Field.

Conclusion:

The students learned the working of the current Cyber Security World and got an eye-opening session on their career and research opportunities outside out country. We extend our sincere thanks to the Management, Vice-Chancellor, Principal, Head of the Department, Teaching & Non- Teaching Faculties and Media Team for their support in arranging & organizing the Seminar.

Outcomes of Seminar:

The major outcomes of the Seminar are,

- Understand the evolving cyber threat landscape in highly connected digital environments
- Gain awareness of diverse career roles in cyber security and required skill sets
- Learn current industry trends, tools, and technologies used in cyber defense
- Identify educational pathways, certifications, and career progression opportunities
- Develop awareness of ethical, legal, and compliance aspects of cyber security
- Enhance readiness for entry-level and advanced cyber security job roles
- Build motivation to pursue continuous learning in a rapidly changing field