Daily Dairy – Day 12
Date: 9/07/2025

Today in our cybersecurity training session, sir discussed various **job roles and career opportunities** available in the field of cybersecurity. He explained that cybersecurity is a rapidly growing field with increasing demand for skilled professionals. There are multiple career paths one can choose depending on their interests and technical expertise.

🔐 **Key Cybersecurity Job Roles:**

- **Security Analyst:** Monitors network traffic and investigates suspicious activities or alerts.

- **Penetration Tester (Ethical Hacker):** Simulates cyberattacks to identify and fix vulnerabilities in systems.

- **Security Engineer:** Designs and implements secure network solutions to protect against cyber threats.

- **Incident Responder:** Responds quickly to cyberattacks and helps in minimizing damage.

- **Security Architect:** Plans and designs the overall security structure of IT systems.

- **Cybersecurity Consultant:** Provides expert advice to companies to improve their cybersecurity posture.

🛡️ **SOC (Security Operations Center) Jobs:**

Sir also explained about **SOC (Security Operations Center)** – a centralized unit that deals with security issues on an organizational and technical level.

Common SOC Roles:

- **Tier 1 Analyst (Alert Analyst):** First line of defense, monitors alerts and forwards critical ones.

- **Tier 2 Analyst (Incident Responder):** Investigates escalated alerts and performs deeper analysis.

- **Tier 3 Analyst (Threat Hunter):** Proactively searches for threats that may evade existing defenses.

- **SOC Manager:** Oversees the SOC team, manages incident response, and coordinates with other departments.

📘 **Learning Outcome:**

- Gained understanding of different cybersecurity roles.

- Learned how SOC teams function and what responsibilities each tier handles.
- Understood how to plan a career in cybersecurity based on interest and skill level.